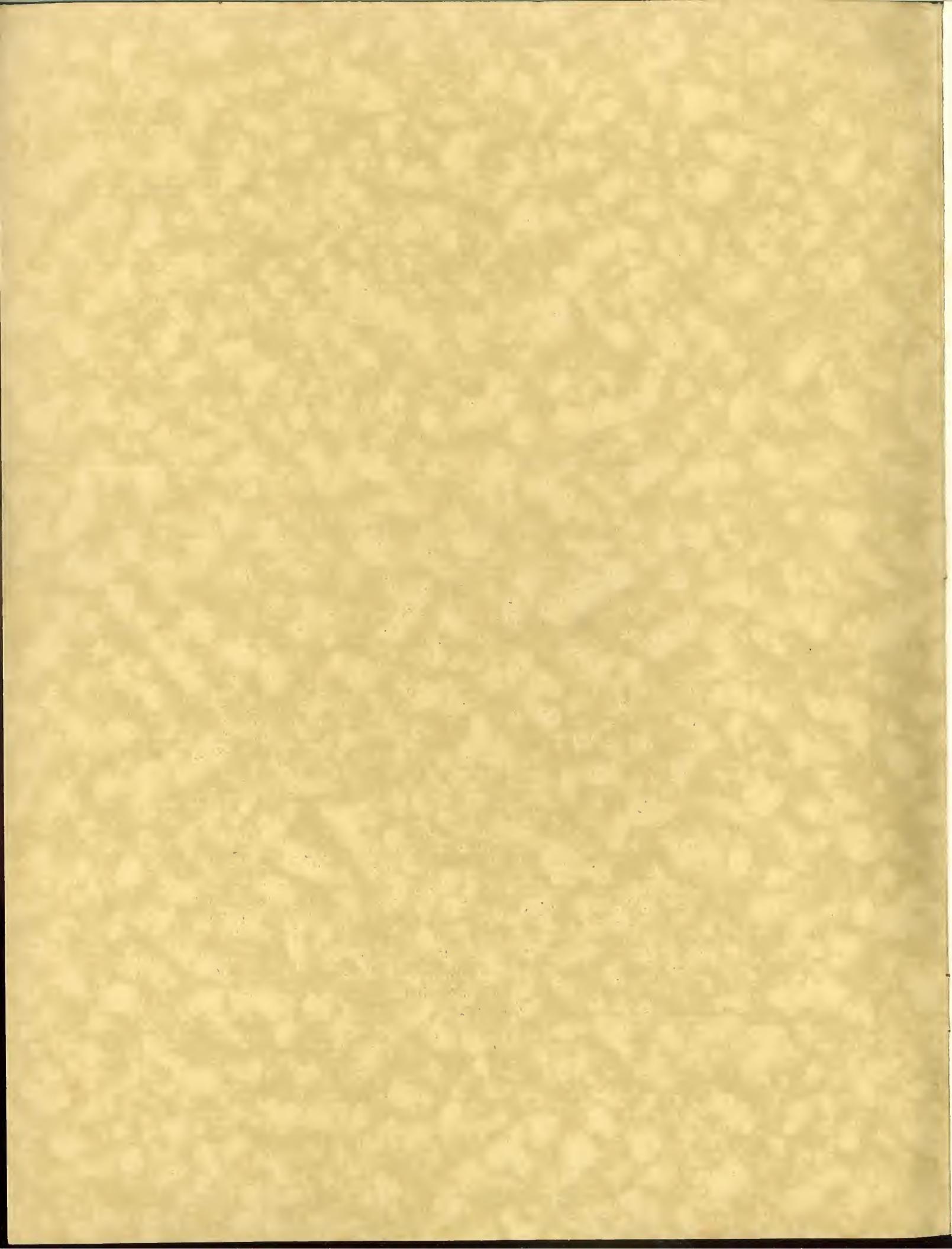


Evans Vanishing Door



CATALOG J.

[File A. I. A. No. 28b 33]



Evans Vanishing Door

*"Millions Hang their Wraps in Evans
Vanishing' Door Wardrobes"*

*Patented in United States, Canada and Foreign Countries
Trade Mark "VANISHING DOOR" registered in United States and Canada*

Catalog J Fifth Edition
Copyright 1927 by W.L.Evans

Trade Mark
"RING JOINT"
Reg. United States Patent Office



Patented
UNITED STATES, CANADA
and Foreign Countries

Cable Address EVANSHINGDOR—Western Union Code

W. L. EVANS
*Washington, Indiana, U.S.A.
Windsor, Ontario, Canada*

Printed in U.S.A.

File A.I.A No. 28 b 33

EVANS VANISHING DOOR

Introductory

In presenting to the Architects, the Clergy, Boards of Education, Contractors and Public our Catalog J, we do so knowing that our previous catalogs are still working, and we will be pleased to receive and fill orders complete according to the class letters in these previous catalogs or supply Hinges A and Z as may be required. It is also agreeable to us, in taking new orders for any of the old class letters, to supply the new Hat and Hanging Rack with Garment Hangers if so specified in the contract. In Catalog J, each wardrobe has a class letter of its own and is not confused with any of the old class letters.

(See page 43 for Ring Joints.)

STANDARDIZATION

Evans Vanishing Door Wardrobes are standardized in construction and mechanism. Few changes were made in the past nine years until now, and during this time our equipment has been placed in over 5,000 schools. Naturally, we have learned much of school wardrobes, and the architects who have so kindly assisted us in our work are legion. In compiling Catalog J we have retained the good points in our previous issues but have made radical changes in the hanging of garments, doing away with the shelves and hooks and now using a Hat and Hanging Rack together with Garment Hangers, conserving 33% of space over the old method, at the same time supplying a better and more orderly system.

Doors

All doors are made veneered, except the two panel doors for Yellow Pine Wardrobes, which have solid White Pine stiles and rails unless otherwise specified. The Flush Doors are made Evans Patent Process, which is a hollow sanitary door, the making of which requires special machinery and a knowledge of the art. Wardrobe doors are all made to set 4 inches above the floor, but can be set higher. The doors have no lugs.

Paneling

Framed-up paneling is made with solid stiles and rails and three-ply laminated panels. Flush smooth paneling is made five-ply laminated under a 300-ton hydraulic press and is thoroughly dried out before trimming to size.

Vent Screens

Vent Screens are framed up to the sizes required and the top covered with Galvanized Wire Mesh, giving a paneled effect on the under side. These are furnished with Wardrobes B, C, D, H, I, and J. The other classes in this catalog are not designed with vent screens nor so provided unless specially ordered.

Shelving

Instead of using shelving and hooks as on previous designs, the wardrobes as shown in Catalog J are provided with a hat and hanging rack together with garment hangers (see page 38), the eight-rod racks being used on wardrobes 2'-2" deep, and the ten-rod racks on those that are deeper.

Combination Book Case and Teacher's Closet

An ideal arrangement is shown in detail of Wardrobes Class X. It provides five book shelves, and a wide shelf above and a space below for shoes, a hook on each door and a hook on each end of the book case. This arrangement costs the same as those for pupils and can be furnished with any of the other classes.

EVANS VANISHING DOOR

Hinges

The Hinges shown in Catalog J are Class B and Class X. B is a floor hinge and X is a jamb hinge. The numeral connected to the letter designates the length of the arm.

Hinge B-7 is used in locker side of B and Wardrobes C, D, H, I, J, and for Teacher's Closet in Class O and T. The arms are of $\frac{1}{2}$ " steel and guaranteed to swing a 200-pound door, for all four pivoted arms carry the load.

Hinge B-10 is used in Wardrobes Class L, M, N, O, and R. The arms are made of $\frac{9}{16}$ " steel and guaranteed to swing a 200-pound door.

Hinge B-12 is used on Wardrobe Class S and Garment Case V. The arms are of $\frac{5}{8}$ " steel and guaranteed to sustain a 300-pound door.

B-12—Garage is the same as B-12 with the exception that the foot plates are reversed. The arms are made of $\frac{5}{8}$ " steel. With this equipment the garage can be built shorter, for the doors swing around to the sides. The hinge lays close to the floor and even should a car pass over the arms it is not noticed. When the doors are open the wind does not affect them. See page 8 for details.

Hinge B is made to set the door 4" above the floor, and the word "Special" in front of B indicates a hinge that will set the door 6" above the floor. Hinges B are stronger than Hinges A and, while they work the same, they are a little different in construction and made to closer limits. See page 6 for details.

There is no danger of the pupils stumbling over a floor hinge, for it is inside the wardrobes, and even if it is stood on by a man it is not injured, for the door is also held from the top and will not spring down. This B-10 hinge is the best for heavy closet doors in the home.

Hinge X is a jamb hinge and has 7" arms made of $\frac{7}{16}$ " steel, and guaranteed to sustain a door weighing 100 pounds. It is used in Wardrobes W and X and, if desired, in Closet T. Class X works similarly to Class Z, but is somewhat stronger and built more rigid, with closer limits, and can be secured more rigidly to the wood-work. It will set the door from $3\frac{1}{4}$ " up to any height. The wardrobes, however, are designed to set the door 4" above the floor. See page 7 for details.

Finish of Woodwork

All woodwork is sold in the white without filling or staining. It is well crated, and shipped in a very dry condition and should arrive on the job in good shape. It should at once be painted on the back and the exposed surfaces filled. This dry woodwork should not be exposed to excessive moisture, such as a freshly plastered room.

Felt

For each door there is required a strip of felt, which is to be glued to the inner side of the trim against which the door strikes when closing. This makes the action noiseless. We insist that it always be used.

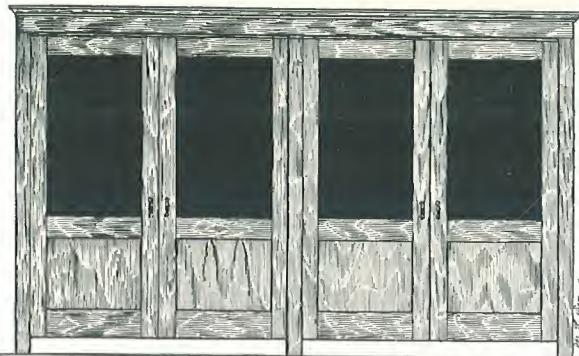
Evans Vanishing Door Wardrobes, Lockers, Etc.

They occupy the smallest space possible. When the doors open THEY DO NOT BLOCK THE AISLES nor interfere with the use of the adjoining compartment. In the schoolroom they can be used during class hours, as any little child can operate them, and they are absolutely noiseless.

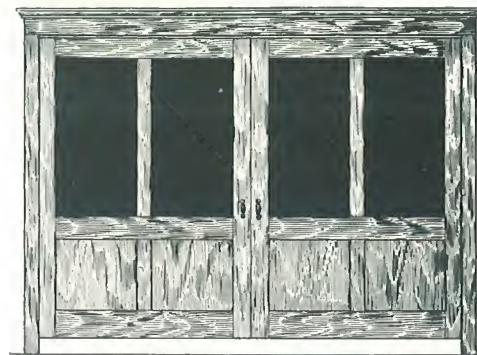
The value of the floor space saved more than pays for their installation. As an illustration: The school cloak-room and additional corridor space requires about 174 square feet—the wardrobes for each room occupy only 24 square feet—this makes a saving of 150 square feet, which would cost to build more than three times the cost of the wardrobe. Besides this, when the wardrobes are placed in the schoolroom they are directly under the eye of the teacher, thereby contributing to the morals of the pupils.

EVANS VANISHING DOORS move on double pivoted arms—no tracks or noisy rollers. Every piece of work is substantially built and guaranteed.

EVANS VANISHING DOOR



Wardrobe Class L (Page 22)



Wardrobe Class S (Page 27)

Blackboards and Hardware

The above wardrobes are shown with exhibit blackboards. They can be supplied to fit over the panels or to extend entirely across the door, the former being preferable. The blackboards can be supplied in either Fiber or Genuine Slate. The former being cheaper in cost, less expense to ship, lighter to handle, easier installed and will not break and therefore more desirable for exhibit blackboards.

We do not recommend blackboards on wardrobes for class work, as some of the dust would be drawn into the wardrobes. We can supply chalk troughs when required, but there is no occasion for them when blackboards are used for exhibit only. Our wardrobes take up so little space that there is always plenty of room on the wall for blackboards.

Finishes

The Wardrobe Hinges are hidden behind the doors when closed and it is not essential that they match other finishes. They are furnished in either Nickel or Black Gun Metal Finish, and when not otherwise specified the latter will be provided. All hinges are formed with Steel Dies, assuring a uniform product. Therefore, doors hung in the same way will work alike.

Umbrella Racks

When Umbrella Racks are specified they are provided one for each door and consist of a holder and

removable drip pan, the bar and pan being finished black gunmetal. They are not included as standard equipment, but are supplied at an additional cost. Our umbrella rack is shown on page 33. It is the best method of making an umbrella rack for the interior of a school wardrobe (we have sold thousands of them), but a much better way is to omit the racks and set two umbrella jars at the entrance to the schoolroom.

Door Pulls

The doors move so easily that a heavy bar door pull is unnecessary; however, a bar pull is furnished for each door, same being black gun metal finish.

Shoe Boxes

When Overshoe Racks are specified they will be furnished for an additional price. They are shown on page 33. We consider this the best arrangement for a shoe receptacle, but a better plan is to omit it entirely and set the shoes on the floor, for this will save the pupils' time.

Patent Date Plates

As the hinges are not only patented as a mechanism but also in combination with a door, we stipulate that the erecting contractor put our little patent date plates on each door. They are packed with the hinges before shipping.

EVANS VANISHING DOOR



Yesterday



Today

The boys and girls of today go better dressed to school than those of the yesterdays did on Sunday, yet hanging equipment for wraps and hats in schools remains about the same, consisting of a hook on which to hang the coat and either a hook or shelf on which to place the hat.

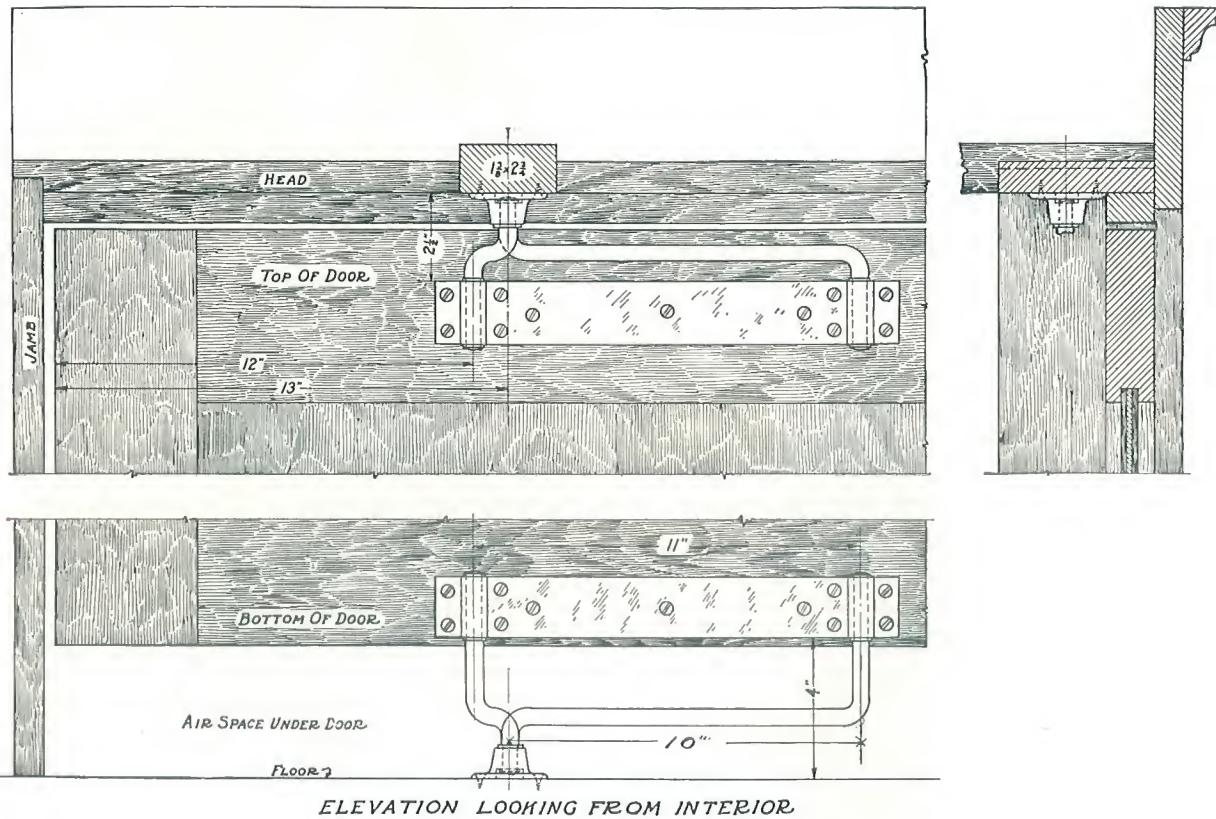
A coat hung on a hook takes the shape as shown in our illustration "YESTERDAY," and the longer it so hangs the more the collar and shoulders will be stretched out of shape and the more pronounced the creases will be set in the garment. If damp when so hung and then allowed to dry out, it must then be

pressed before it will again have a good appearance.

A coat properly draped on a hanger and so hung will hold its shape and take on even a better appearance, and should the garment be damp when hung, and allowed to dry out, it will come from the hanger as though it had been newly pressed.

A flat or slatted shelf is a dust catcher and a hat placed thereon gets its share of dust; and, if hung on a hook, it is pulled out of shape and often knocked to the floor. The illustration "TODAY" shows our metal hanging bracket and two rows of heavy rods for hats.

EVANS VANISHING DOOR



ELEVATION LOOKING FROM INTERIOR.

DIRECTIONS FOR INSTALLING EVANS VANISHING DOOR HINGES CLASS B WITH 10" ARMS

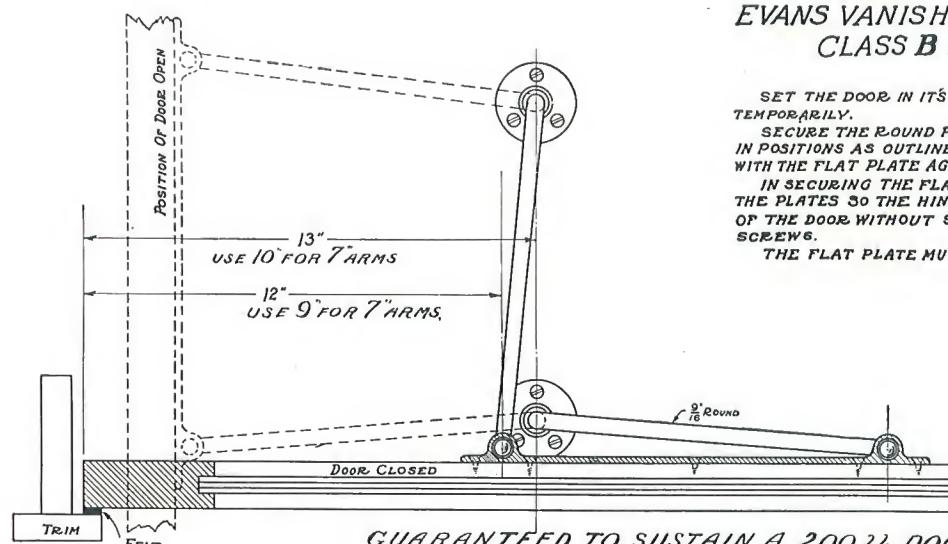
SET THE DOOR IN ITS CLOSED POSITION AND SECURE TEMPORARILY.

SECURE THE ROUND PLATES TO THE FLOOR AND CEILING IN POSITIONS AS OUTLINED BY THE DRAWING HERE SHOWN, WITH THE FLAT PLATE AGAINST THE DOOR.

IN SECURING THE FLAT PLATES TO THE DOOR, PUSH DOWN THE PLATES SO THE HINGE ARMS WILL TAKE THE WEIGHT OF THE DOOR WITHOUT SAGGING, BEFORE INSERTING THE SCREWS.

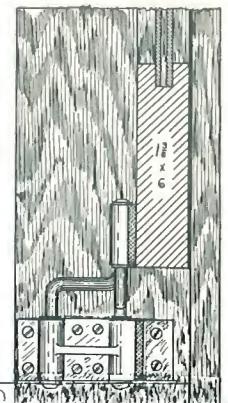
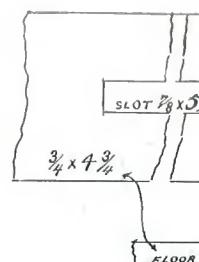
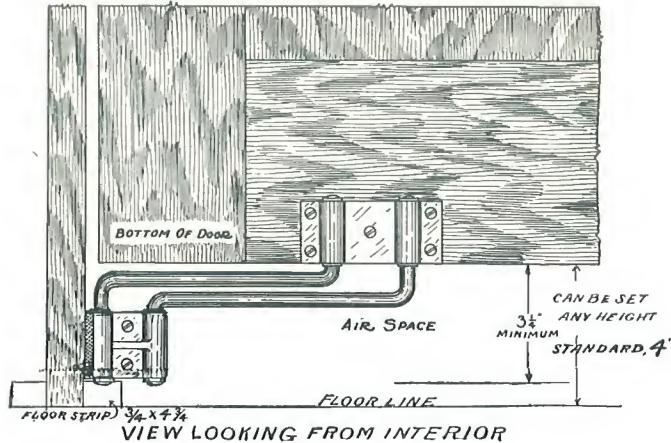
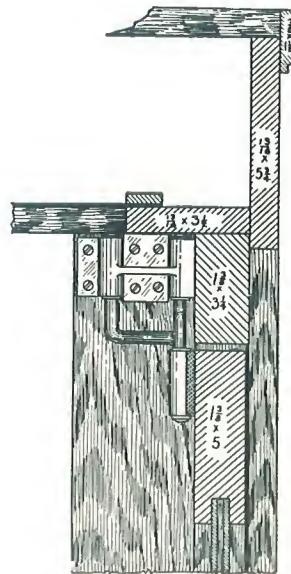
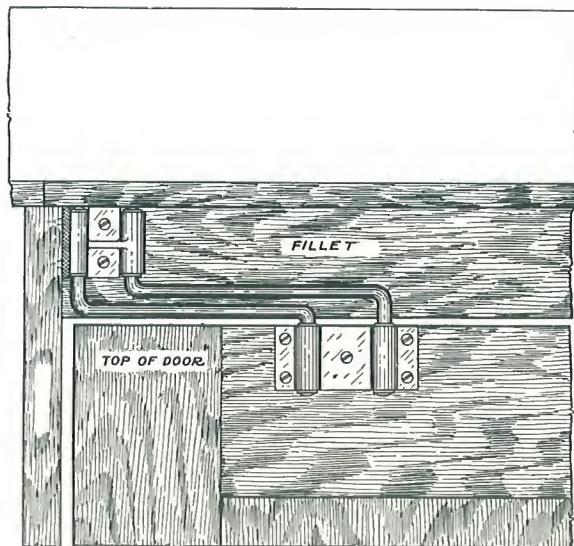
THE FLAT PLATE MUST BE SQUARE ACROSS THE DOOR.

*W. L. Evans.
WASHINGTON, INDIANA.*



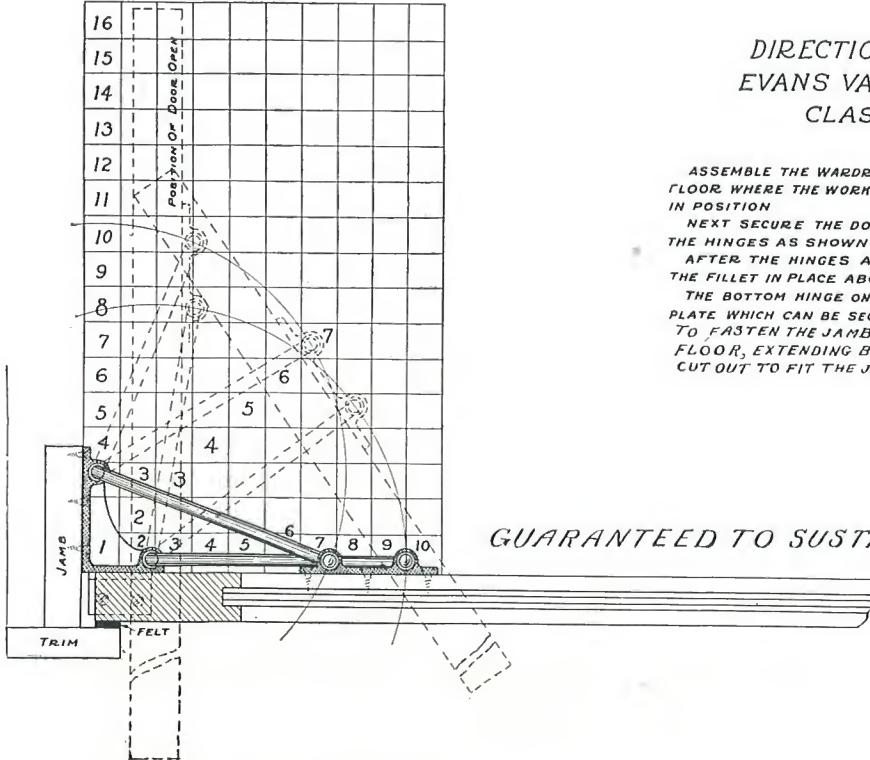
INSTALLATION DETAIL HINGE B-10

EVANS VANISHING DOOR



VIEW LOOKING FROM INTERIOR

SECTION



DIRECTIONS FOR INSTALLING EVANS VANISHING DOOR HINGES CLASS X WITH 7" ARMS

ASSEMBLE THE WARDROBES, (LESS THE DOORS AND FILLETS,) OUT ON THE FLOOR WHERE THE WORKMEN CAN GET ALL AROUND THEM, THEN SECURE IN POSITION

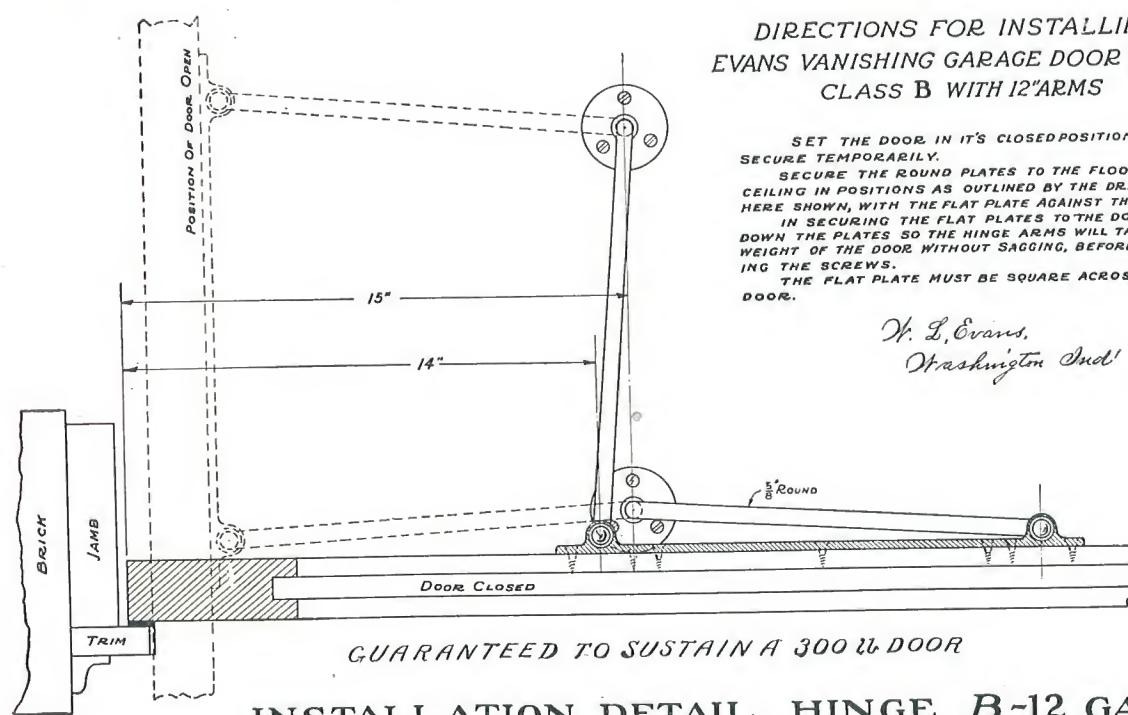
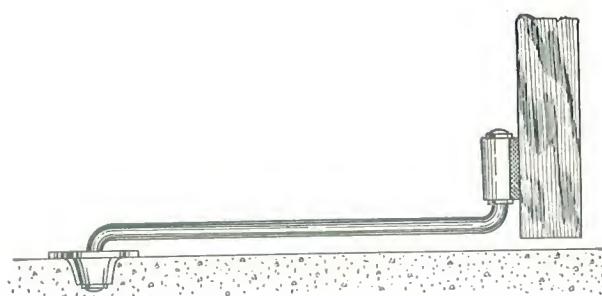
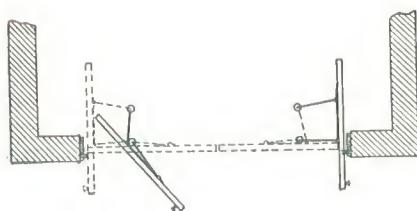
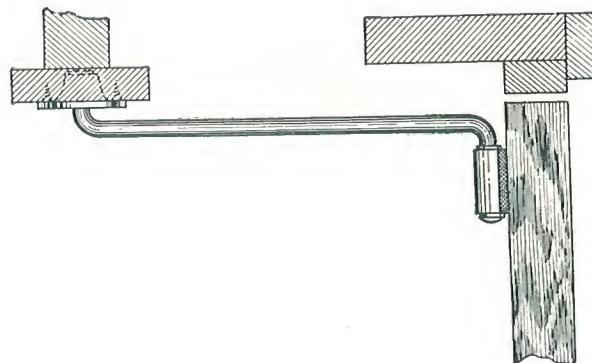
NEXT SECURE THE DOORS TEMPORARILY, ONE AT A TIME, AND INSTALL THE HINGES AS SHOWN BY THE DRAWING.

AFTER THE HINGES ARE OILED AND WORKING SMOOTHLY, THEN FIT THE FILLET IN PLACE ABOVE THE DOORS.

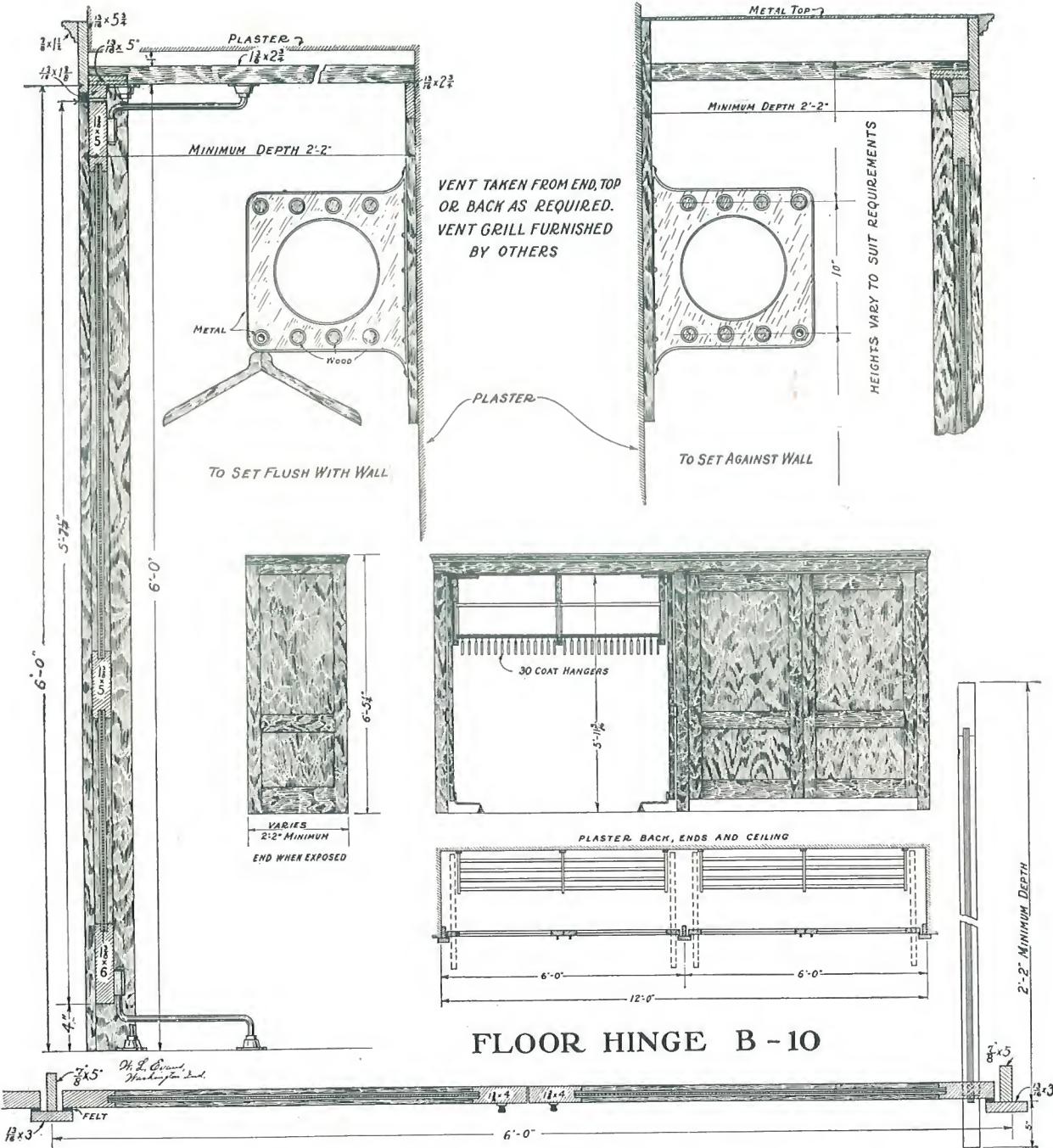
THE BOTTOM HINGE ONLY IS PROVIDED WITH A REVERSIBLE ANGLE PLATE WHICH CAN BE SECURED TO EITHER THE FLOOR OR THE JAMB.
TO FASTEN THE JAMBS TO THE FLOOR FIRST SECURE TO THE FLOOR, EXTENDING BACK INTO THE WARDROBE, STRIPS $\frac{3}{4} \times 4\frac{3}{4}$ " CUT OUT TO FIT THE JAMBS.

*W. L. Evans,
WASHINGTON, INDIANA.*

EVANS VANISHING DOOR



EVANS VANISHING DOOR



EVANS VANISHING DOOR WARDROBE CLASS R
THE SECTIONS ARE ALSO TYPICAL FOR WARDROBES L,M,N,O,R and S.

WASHINGTON, INDIANA, U.S.A.
WINDSOR, ONTARIO, CANADA.

EVANS VANISHING DOOR



Evans Vanishing Door Locker and Lavatory—Class B

The Ideal Lavatory and Locker for Office Buildings.

Economy in floor space.

The space saved more than pays for the equipment.

Ventilated
Noiseless
Sanitary
Convenient

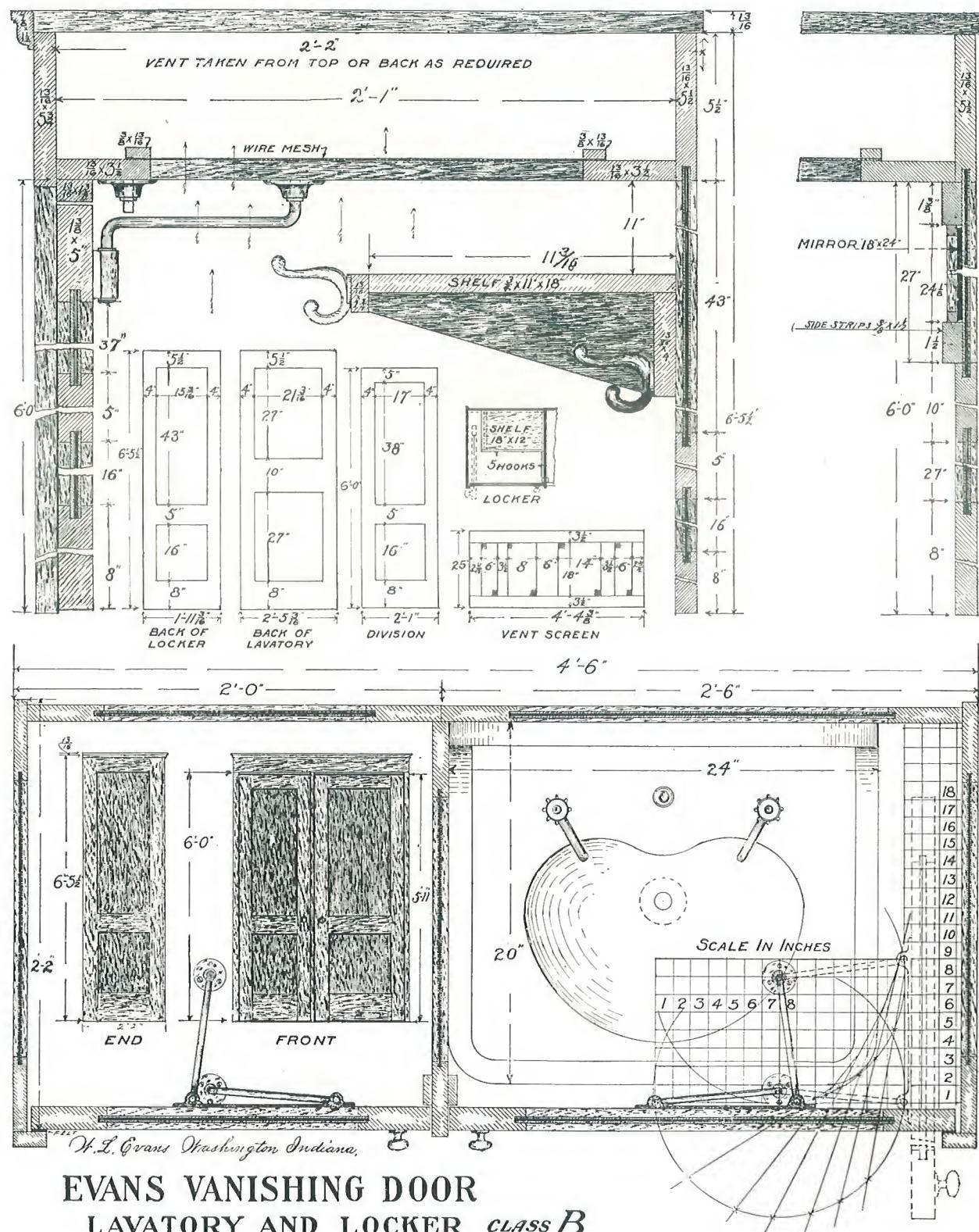
Made with or without
Mirrors, Glass Shelf
Towel Rod
Plumbing not included

These Lavatories and Lockers are very desirable to use in connection with Wardrobes Class A. Three 4-foot units being for Pupils, with the addition of a 2-foot unit for Teacher's Closet and a 2-foot 6-inch unit for Lavatory. The four big schools at Akron, Ohio, are equipped in this manner, besides many others.

When the doors are open they vanish within the compartment, and the interior of the cabinet is not shaded by doors standing to one side of the opening. There is room in the closet for nine coats and as many hats.

See details for this cabinet on page 11.
The above equipment is exceptionally convenient.

EVANS VANISHING DOOR



WASHINGTON, INDIANA, U.S.A.
WINDSOR, ONTARIO, CANADA.

EVANS VANISHING DOOR



Evans Vanishing Door Wardrobe—Class C

Sanitary
Ventilated
Easy to Open

*Made with or without exhibit blackboards. The vertical air currents dry the clothes. Economy in floor space.
Doors do not block the aisles.*

Noiseless
Doors Cannot Stick
Easy to Close

EVANS VANISHING DOOR WARDROBES CLASS C are the highest grade known to us. The doors are made Evans Patent Process, which is a hollow sanitary door, weighing but half that of a solid door.

The doors will positively not shrink or swell in length or breadth. The light weight and staying qualities of these doors make them very desirable for use in Schoolroom Wardrobes, or, in fact, any place where price does not prohibit the best door possible to produce. These Hollow Doors are well known throughout the United States and can be found in such buildings as the St. Louis City Hospital, the French Lick Springs Hotel, etc. There are thousands of them in the Cincinnati, Ohio, Hospitals. In order to properly produce this door it requires special equipment and a knowledge of the art.

The walls and divisions are made five-ply laminated, the veneer being re-shrunk and then fabricated under a 300-ton hydraulic press. As the flush doors and laminated panels require in their making

two drying periods of about seven days each, they cannot be produced as quickly as other panel work. When blackboards are used it is necessary to plant them on the door, using a very small rabbeted mold.

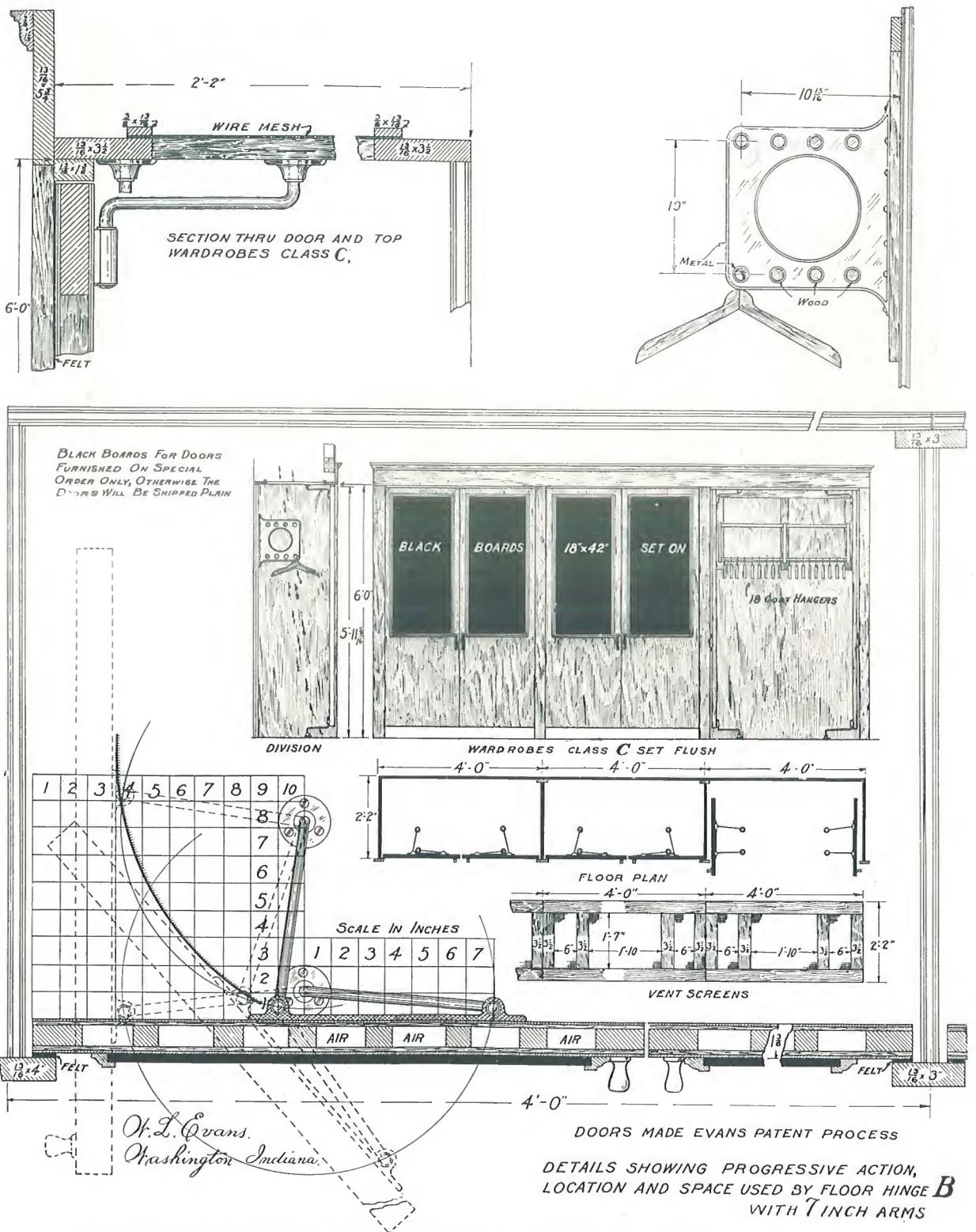
The price of these Wardrobes is made as low as consistent with the character of the work, and we take this occasion to caution other manufacturers against attempting to make these Hollow Doors without special equipment and a manufacturer's license.

Wardrobes Class C, as shown, are made to set flush with the wall. In preparing the recess, the length should be units of 4 feet plus 2 inches, the net depth 26 $\frac{1}{2}$ inches, and the height 6 feet 3 inches from the top of the finished floor to the rough lintel. See details on the opposite page.

When so ordered, Class C can be made to set against the wall and provided with a top.

For Size of Hinges, Ventilation, Combination and Installation see text under cut of Class H, page 16.

EVANS VANISHING DOOR



EVANS VANISHING DOOR WARDROBE CLASS C

WASHINGTON, INDIANA, U.S.A.
WINDSOR, ONTARIO, CANADA.

EVANS VANISHING DOOR



Evans Vanishing Door Wardrobe—Class D

Ventilated
Sanitary
Opens Easily

*Made with plaster back and ends.
Doors do not block the aisles.*

Noiseless
Doors Cannot Stick
Closes Easily

WARDROBES CLASS D are the same as Wardrobes J except that they have Evans Patent Process Doors, which is a hollow sanitary construction the same as Class C. The doors can have Blackboards planted on if desired. Blackboards are only recommended on ventilated wardrobes for exhibit purposes; for, if used for class work, some of the dust will be drawn into the wardrobes.

Recess

Class D is made to set flush with the wall in a recess with plaster backs and ends and without divisions. The size of the recess is approximately 6'-3" high, exactly 2'-2" deep, and the length is the combined width of the units, nothing added. Measures of length and depth are taken from the plaster line. The length for three 4' units is 12'-0". See details on opposite page.

Kind of Hinges

The doors are hung on standard Class B Hinges, which will set the doors any height up to 4", or, if

specified, on Special Class B Hinges, which will set the door any height up to 6". If desired, Class X doors and hinges can be used, they necessitating a 3 $\frac{1}{4}$ " fillet above the door.

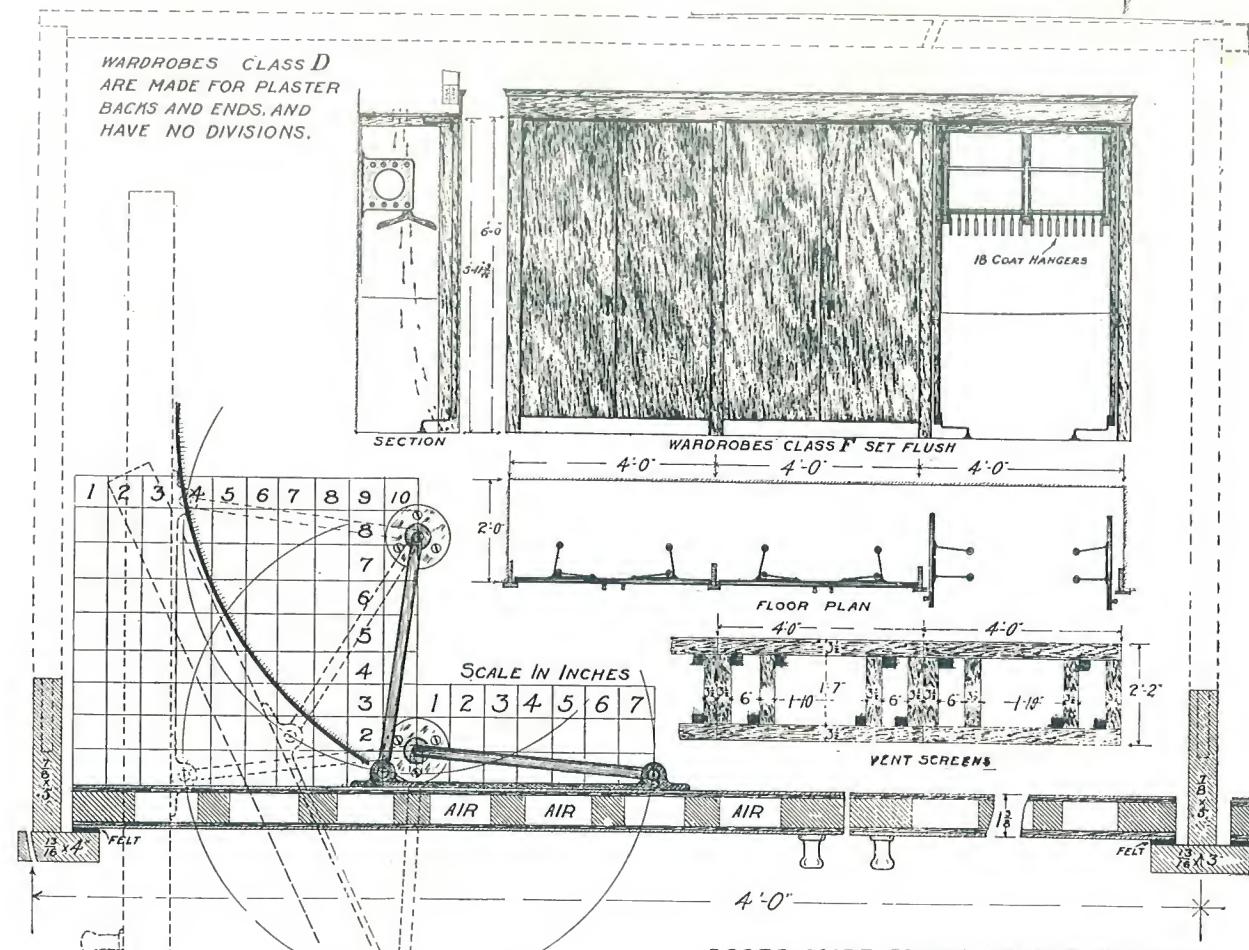
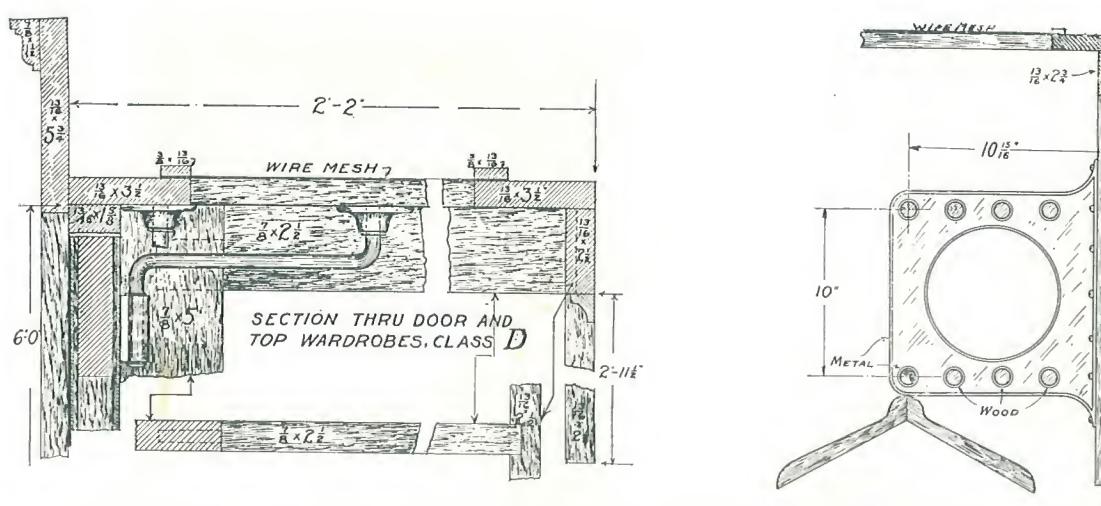
Ventilation

The vent can be taken from any part of the wardrobe and connected to the vent stack. We recommend that it be taken from the top; however, it will work all right if taken from the end or back, in which case, if so specified, we furnish a panel top instead of screen vents, at the same price, but the screen required by the new vent opening would then be furnished by others.

Installation

For installation see description, Wardrobe Class J, and detail page 6, using the distance shown for 7" arms.

EVANS VANISHING DOOR



O. L. Evans,
Washington Indiana.

EVANS VANISHING DOOR WARDROBE CLASS D

**WASHINGTON, INDIANA, U.S.A.
WINDSOR, ONTARIO, CANADA.**

EVANS VANISHING DOOR



Evans Vanishing Door Wardrobe—Class H

Ventilated
Sanitary
Opens Easily

*Vertical air currents dry the clothes.
Economy in floor space.
Doors do not block the aisles.*

Noiseless
Doors Cannot Stick
Closes Easily

Wardrobes Class H, as here shown, are made to set against the wall and provided with a top; for sizes and construction see details on opposite page. Unless otherwise specified, Standard Class B Hinges are used, which will set the doors up to 4 inches above the floor. For additional height Special Class B Hinges are provided which will set the door anywhere up to 6 inches above the floor.

When so required, wardrobes can be furnished with Class X Hinges and doors by changing the fillet above the doors to $3\frac{1}{4}$ inches.

Ventilation

The wardrobes are ventilated by an upward current of air taken from under the doors and passing upward through the vent screens. It is then taken from the top, end or back and connected to the vent stacks. When it is required to take the vent from the end at the floor it is done by omitting the panels in the divisions.

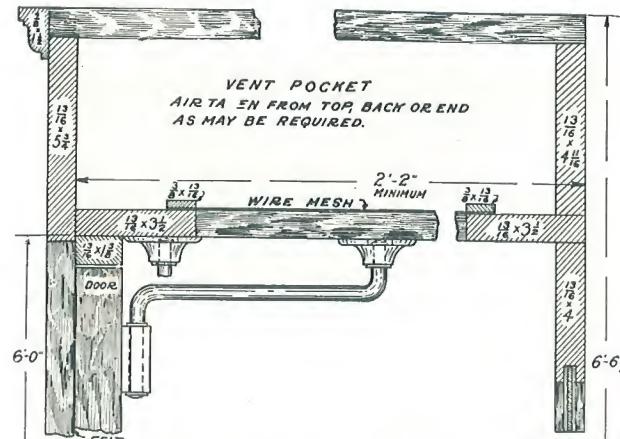
Combinations

Any number of 4-foot units can be connected. Also 2'-0" and 2'-6" units can be arranged to suit. A combined Book Case and Teacher's Closet can be furnished as shown by Wardrobes Class X, page 30.

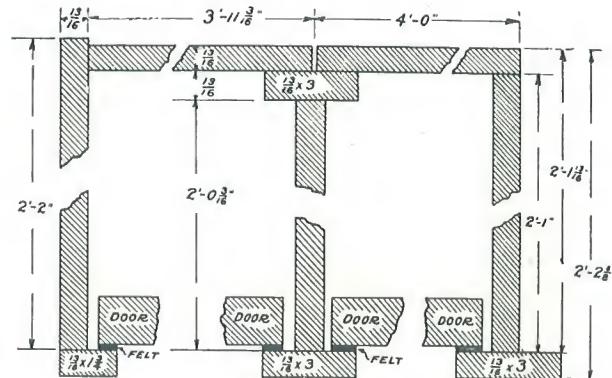
Installation

Turn to the detail on the opposite page and assemble the work out on the floor where the workmen can get all around it. The work can be assembled either vertical or horizontal and then set vertical. In assembling omit the racks, doors and fillet until the wardrobes are set in place. Then set the doors in their closed position and secure temporarily, one door at a time. Then secure the hinges in place as shown by the figures in the little squares on the detail on opposite page or turn to page 6 for instructions, using the figures for 7" arms. After the doors are working smoothly fit the fillet above the doors and secure the racks in place.

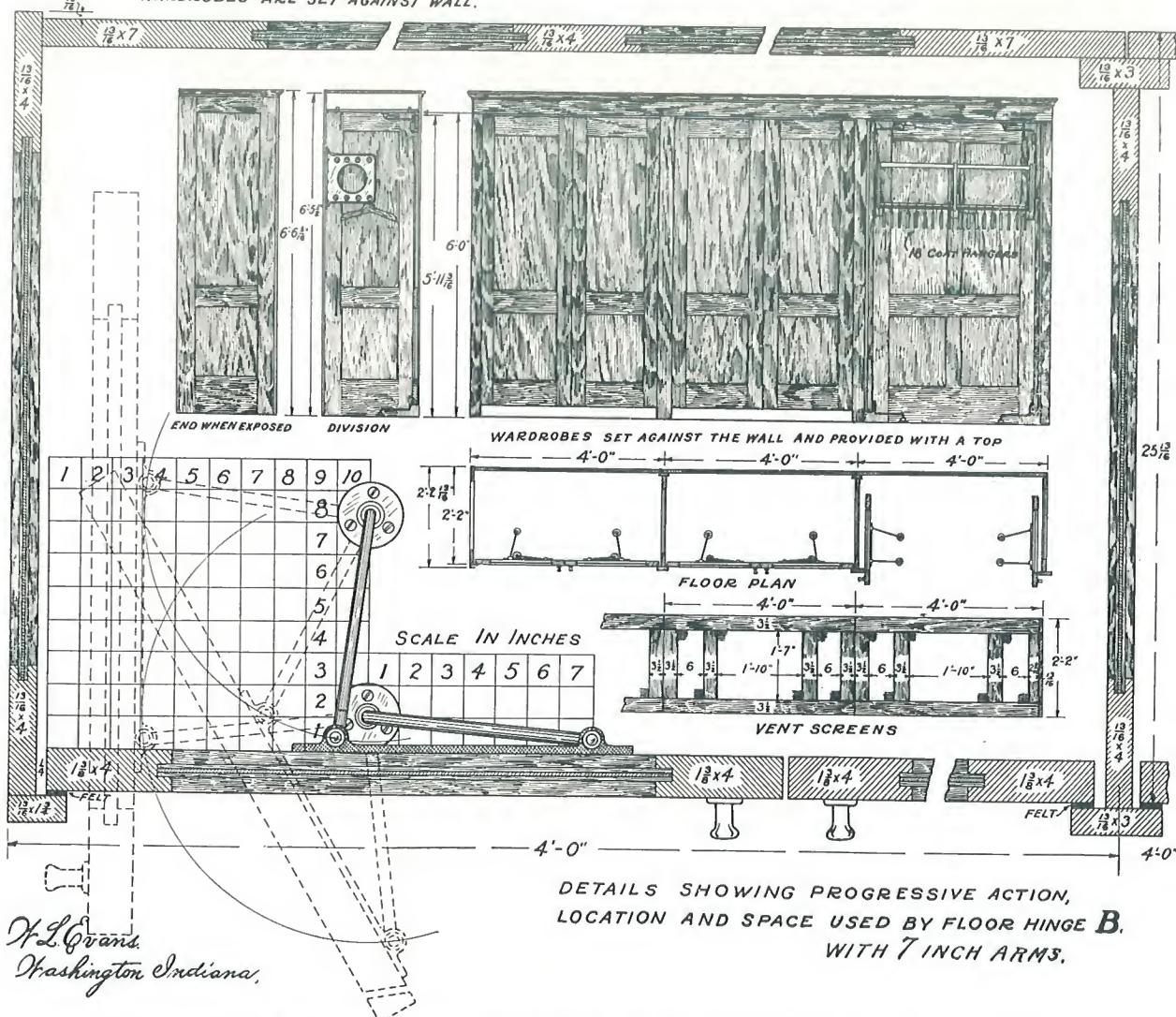
EVANS VANISHING DOOR



*DETAIL OF TOP AND TRIM, WHEN
WARDROBES ARE SET AGAINST WALL*



*FLOOR PLAN WARDROBES Class H
WITH LEFT END EXPOSED AND BACK
AND RIGHT END AGAINST THE WALL*



W. L. Evans.
Washington Indiana,

EVANS VANISHING DOOR WARDROBE *CLASS H*

WASHINGTON, INDIANA, U.S.A. WINDSOR, ONTARIO, CANADA.

EVANS VANISHING DOOR



Evans Vanishing Door Wardrobe—Class I

Ventilated
Sanitary

Vertical air currents dry the clothes.

Noiseless
Doors Cannot Stick

Evans Vanishing Door Wardrobes Class I, as here shown, are made to set flush with the wall. For sizes and construction see details on the opposite page.

For Doors, Hinges, Ventilation, Combinations and Installation see text under cut of Wardrobes Class H, page 16.

For details of Hinge B-7 see page 6.

Selection

Pick out the class letter that will best meet the requirements as to detail. All classes are alike as to hanging space and convenience, and the ventilation can be arranged to suit the architect. Some are lower priced than others, but all are made with the same modern equipment by experienced men who know what to do and how to do it.

There are more Class I Wardrobes sold than any other, not that it is any better. It is medium in price,

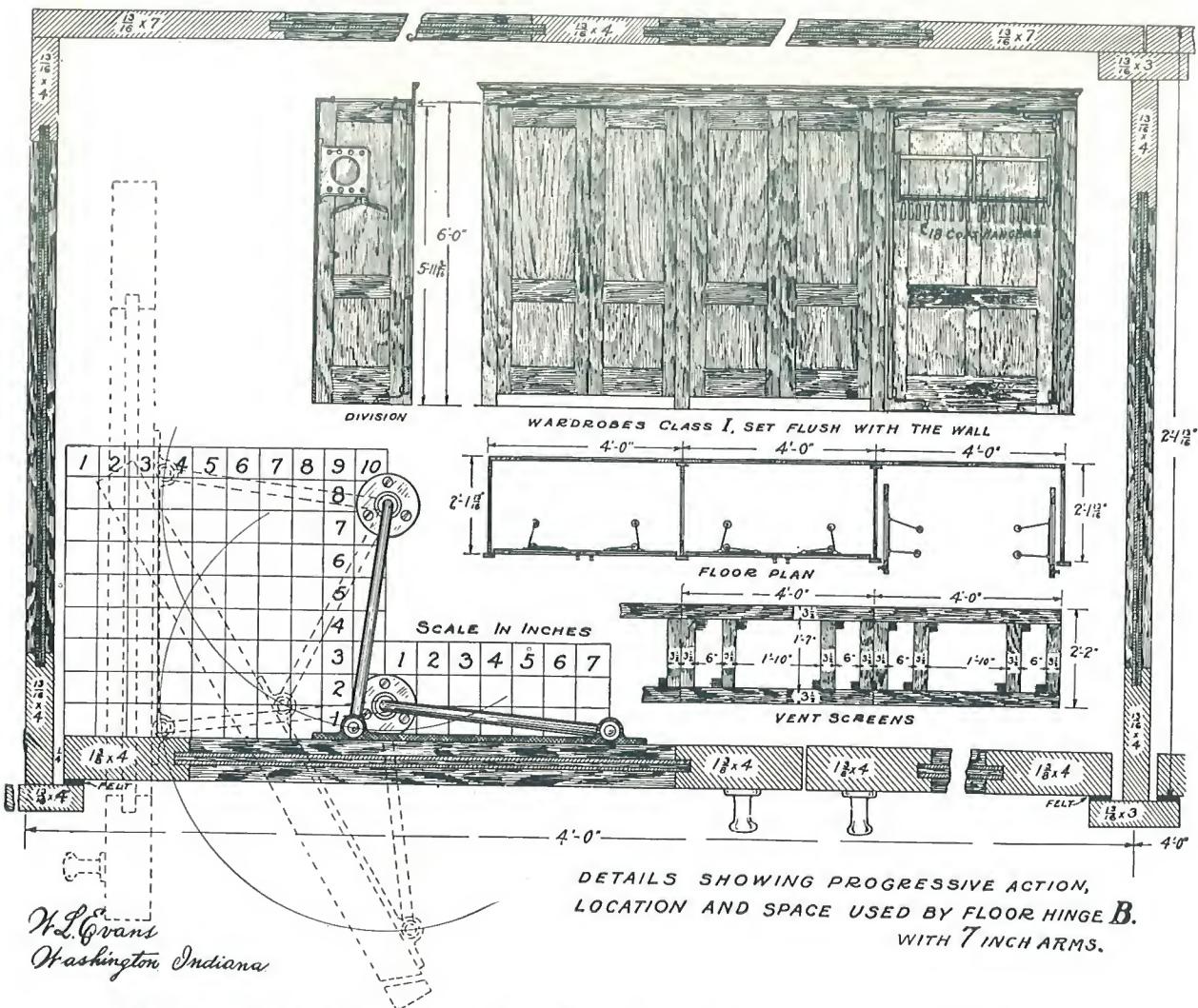
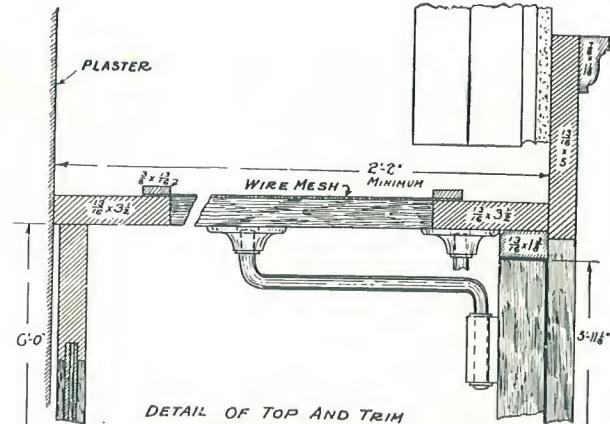
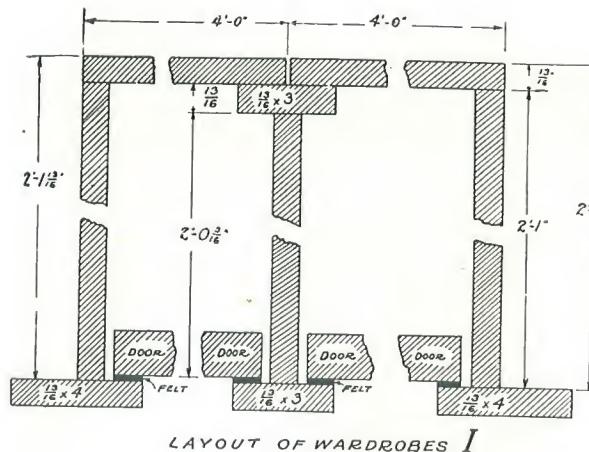
just between the highest (Class C) and the cheapest (Class X).

Size of Recess

The height of opening is 6'-3" from the finished floor to the rough lintel above. The depth is 2'-2", and the width is the sum of the units plus 2". The two latter measurements are from the plaster line. As an illustration, the size recess for the above section of three 4'-0" units is 12'-2" long, 2'-2" deep, and 6'-3" high. These measurements can vary 1" without interfering.

Class I is made with panel backs, ends and divisions and is similar to Class H other than it is made to set flush and has no top. It is the old Class A-2 with the lugs removed from the doors, and hat and hanging rack provided instead of shelves and hooks, and has B-7 hinges. The doors set 4" above the floor.

EVANS VANISHING DOOR



EVANS VANISHING DOOR WARDROBE CLASS I.

WASHINGTON, INDIANA, U.S.A.
WINDSOR, ONTARIO, CANADA.

EVANS VANISHING DOOR



Evans Vanishing Door Wardrobe—Class J

Ventilated
Sanitary
Opens Easily

*Vertical air currents dry the clothes. Economy in floor space.
Doors do not block the aisles.*

Noiseless
Doors Cannot Stick
Closes Easily

Evans Vanishing Door Wardrobes Class J as here shown are made to set flush with the wall and for plaster ends, backs and ceiling; without divisions. For sizes and construction see details on the opposite page. Standard Class B Hinges are used. They will set the door up to 4 inches above the floor. For setting the doors a greater height from the floor Special Class B are provided which will set the door any height up to 6 inches above the floor. When so required the wardrobes can be equipped with Class X Hinges and Doors by changing the fillet above the doors to $3\frac{1}{4}$ inches.

Ventilation

The wardrobes are ventilated by an upward current of air taken from under the doors, and connected to the vent stacks from any part of the wardrobes as may be specified by the architect.

Combinations

Any number of 4'-0", 2'-0" or 2'-6" units may be combined in a section together with a combination Book Case and Teacher's Closet as shown in Class X.

This latter costs the same as a Unit for Pupils, of the same width. When a division is required between the Teacher's Closet and the Standard Units, same will be furnished at additional price.

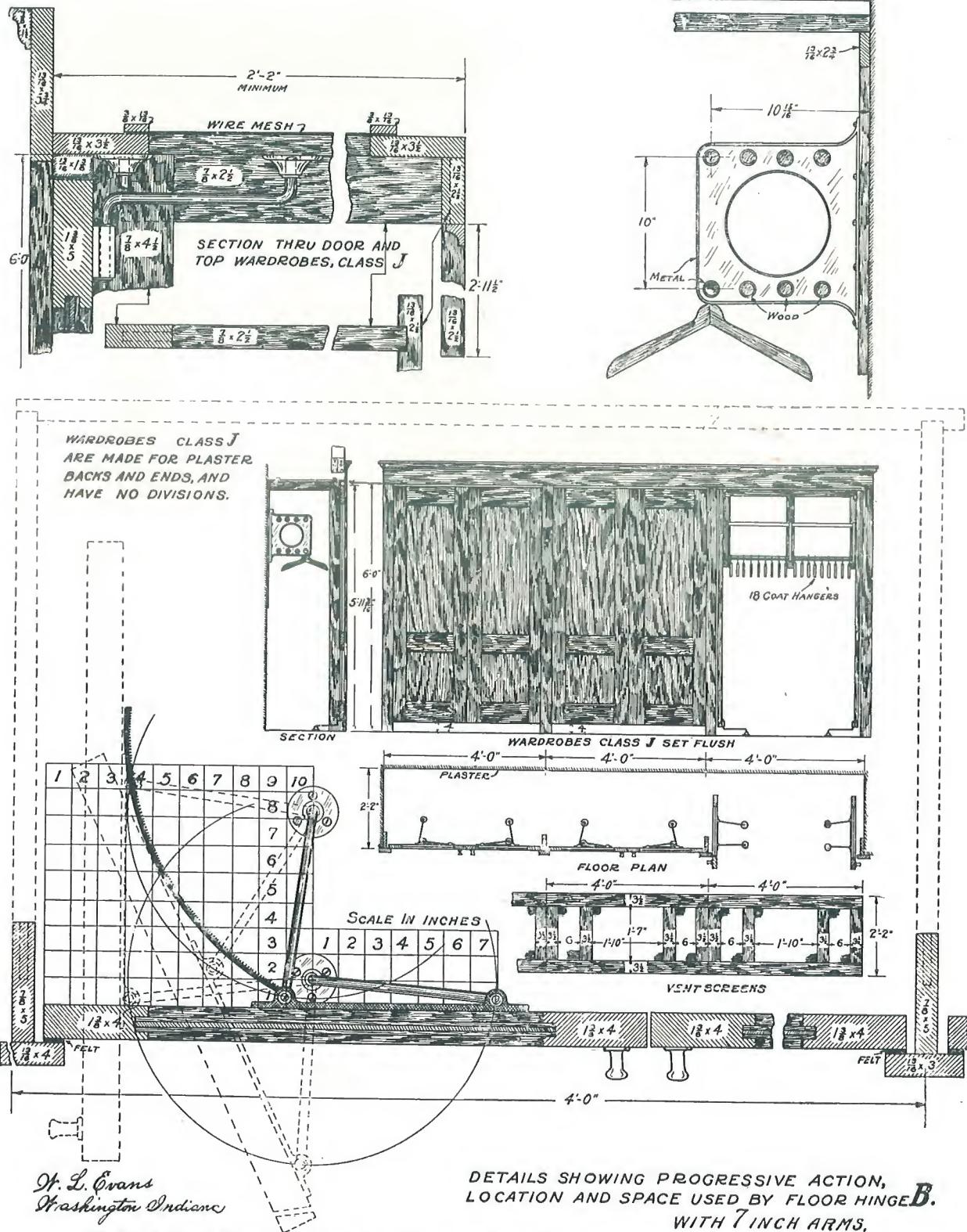
Installation

Turn to the details on the opposite page and assemble the work out on the floor where the workmen can get all around it, omitting the doors, racks and fillet above the doors until the wardrobes are in place. After the wardrobes are in place set the doors in their closed position, one at a time, securing temporarily. Secure the hinges in place as shown by the little squares on the detail. After the doors are working smoothly fit the fillet above the doors and secure the racks in place. For further instructions in installing the hinges see page 6, using the measurements for the 7" arms.

Size of Recess

The recess is approximately 6'-3" in height, exactly 2'-2" deep, and the length is the exact sum of the units in width, nothing added. Three 4-foot units require 12'-0" between the finished plaster.

EVANS VANISHING DOOR



EVANS VANISHING DOOR WARDROBE CLASS J.

WASHINGTON, INDIANA, U.S.A.
WINDSOR, ONTARIO, CANADA.

EVANS VANISHING DOOR



Evans Vanishing Door Wardrobe—Class L

Made for plaster backs, ends and ceiling. The ventilation is to be arranged by the architect. Vent screens not shown and are not provided by us unless quoted.

Where conservation of space is paramount the above arrangement is particularly desirable.

Wardrobe L consists of two 5-foot units, one for boys and one for girls, each unit provided with 24 hangers, or a total of 48.

The space required, taken from the finished plaster line, is 10' wide, 2'-2" deep, and 6'-2" high.

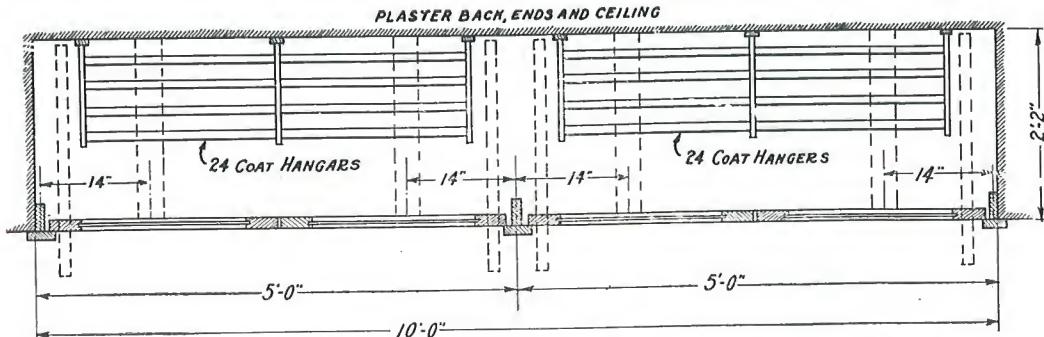
In dismissing the class a monitor for boys and a

monitor for girls open the wardrobes silently and quickly without waiting for the teacher to lead the procession.

For the similar wardrobe of larger capacity see Class R, page 26.

When a teacher's wardrobe is required, we call attention to the ventilated independent unit T, page 32, which can be set in any part of the room.

Blackboards can be furnished either to fill the panel or to extend across. We only recommend blackboards for exhibit purposes. For details see page 9.



EVANS VANISHING DOOR WARDROBE CLASS L
FLOOR HINGE B-10

EVANS VANISHING DOOR



Evans Vanishing Door Wardrobe—Class M

Made for plaster back, ends and ceiling. The architect to arrange the ventilation. Vent screens not shown nor included unless quoted.

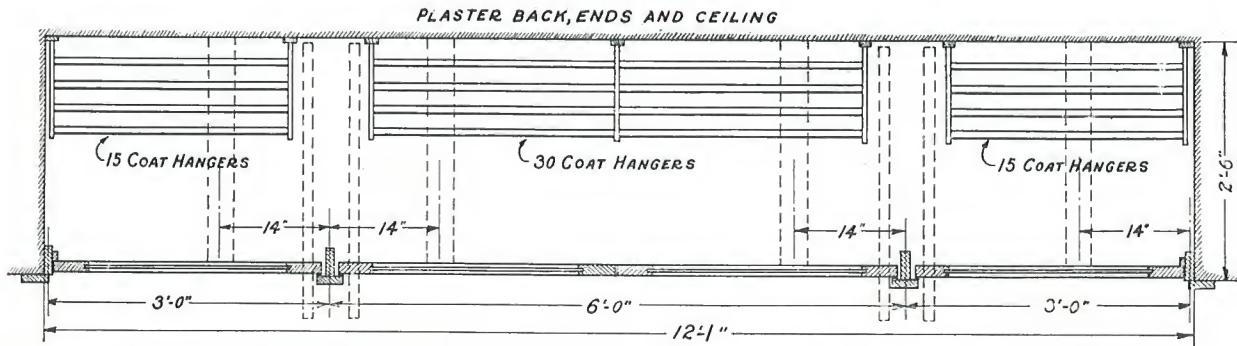
The size of the opening, taken from the finished plaster line, is 12' wide, 2'-6" deep, and 6'-2" high.

The wardrobe consists of one 6'-0" unit for pupils, one 3'-0" unit for pupils, and one 3'-0" unit for teacher's closets.

This wardrobe is designed to meet the specifications of the architect who requires the doors to swing

away from the ends. We are willing to accede to an architect's demands. It is through their specifications that we have been enabled to produce this complete line of wardrobes.

We are not trying to dictate to the architect and could not if we wanted to, but if someone were to ask us what we liked best we would unhesitatingly state Class O and then follow with Class L, R and S, with independent teacher's closet Class T.



EVANS VANISHING DOOR WARDROBE CLASS M FLOOR HINGE B -10

EVANS VANISHING DOOR



Evans Vanishing Door Wardrobe—Class N

Made for plaster back, ends and ceiling. The architect to arrange the ventilation. Vent screens not shown nor provided unless quoted.

Class N consists of three 3'-0" units for pupils and one for teacher's closet.

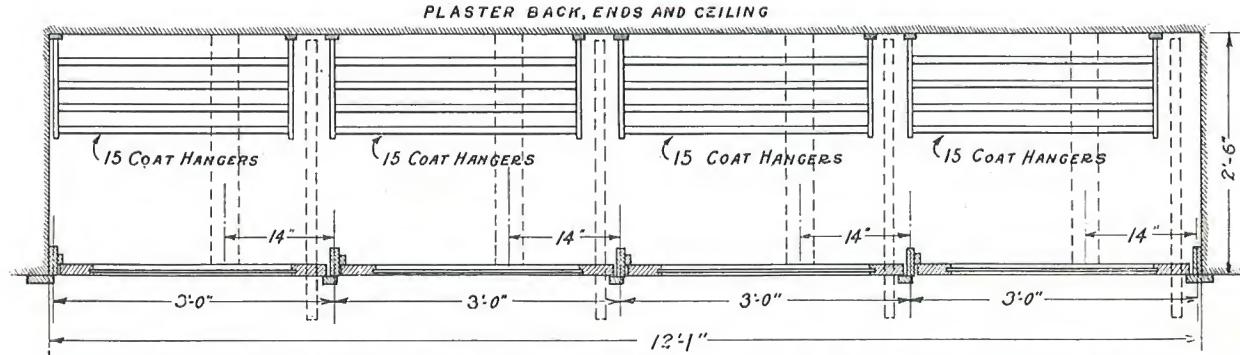
The mullions can be omitted and all doors made to line; blackboards can be placed on the panels or across the entire door as one continuous line.

The space required for the wardrobe, taken from the plaster line, is 12'-1" wide, 2'-6" deep, and 6'-2" high.

Compared to wardrobes in which the garments are hung on hooks, and the hats on solid or slatted

shelves, the above is most excellent, and the arrangement of doors was made for those who want it that way. However, Class O is a much better arrangement, having two units, one for boys and one for girls, and an ample teacher's closet. In Class O the garments are more accessible and less crowding will occur. Any of the other designs are better than Class N in which the doors open singly.

Regarding blackboards on schoolhouse ventilated wardrobes, don't use them for other than exhibit purposes, for chalk dust falling to the floor will be drawn up into the wardrobes.



EVANS VANISHING DOOR WARDROBE CLASS N FLOOR HINGE B -10

EVANS VANISHING DOOR



Evans Vanishing Door Wardrobe—Class O

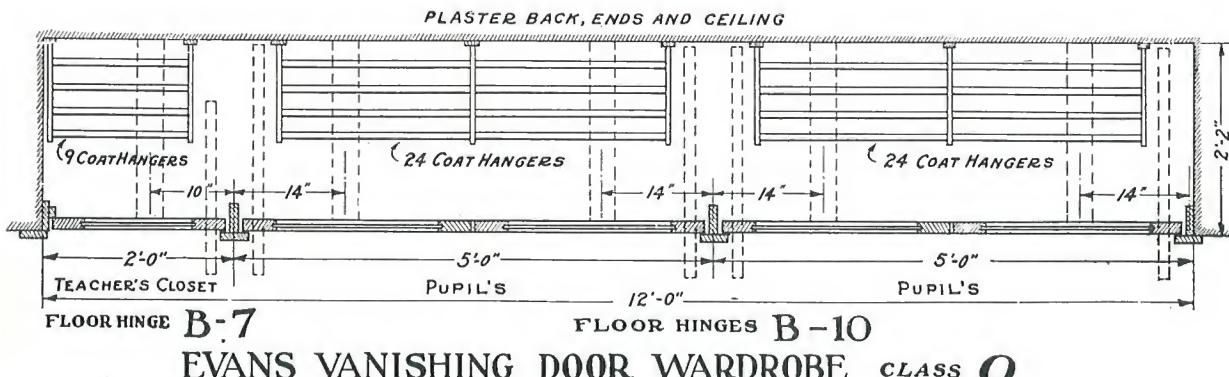
Made for plaster ends, back and ceiling. The architect is to arrange the ventilation, as it can be taken from any point. Vent screens are not shown nor provided unless quoted.

Class O consists of one 2'-0" unit for teacher and two 5'-0" units for pupils, one for boys' use and one for girls, segregating their wraps.

Each 5'-0" unit has 24 hangers or a total of 48. The hangers are removable, thus avoiding congestion and allowing the wraps to be properly draped on the hanger before it is hung on the metal rod.

As there are only two units for pupils, a monitor for boys and one for girls can silently and instantly open the wardrobes, while the teacher has no occasion to march down and open them, but can stand in front of the class while dismissing and watch their orderly retirement.

The space required for this wardrobe, taken from the finished plaster lines, is 12'-0" wide, 2'-2" deep, and 6'-2" high. The doors when open project 2 $\frac{1}{4}$ " beyond the trim, only sufficient for a metal bar pull. *They do not block the aisles.* For details see page 9.



EVANS VANISHING DOOR



Evans Vanishing Door Wardrobe—Class R

Made for plaster backs and ends. The architect to arrange the ventilation. Vent screens are not furnished unless quoted.

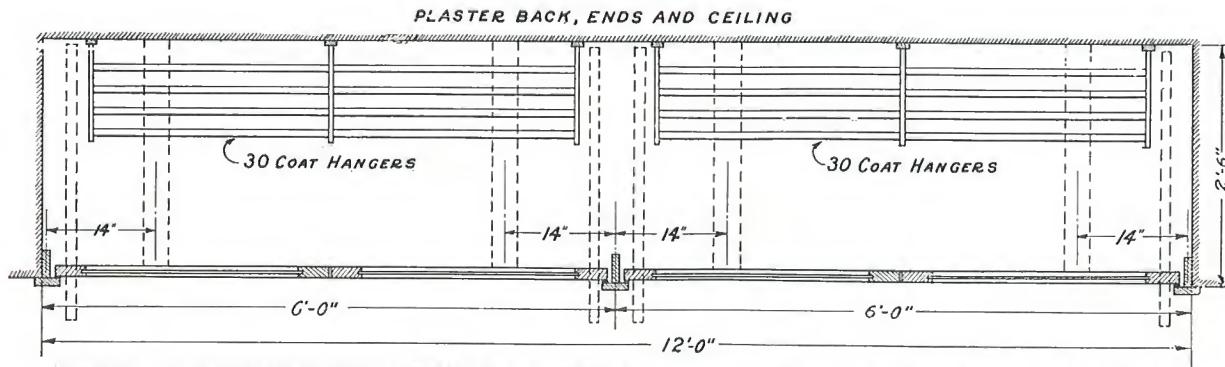
This is the daddy of two-unit wardrobes, each unit being provided with 30 hangers or a total of 60 hangers.

No matter if there are more girls than boys in the class, there is plenty of room in the wardrobe to segregate their garments.

The teacher need not bother to open the wardrobes, for a little boy and a little girl can be appointed to that task. Just touch the doors and they move.

The space required, taken from the finished plaster line, is 12'-0" wide, 2'-6" deep, and 6'-2" high.

In connection with this wardrobe we recommend teacher's closet Class T shown on page 32. Set it anywhere. Everybody who sees it likes it. If you have the room you can't beat this combination.



EVANS VANISHING DOOR WARDROBE CLASS R FLOOR HINGE B-10

EVANS VANISHING DOOR



Evans Vanishing Door Wardrobe—Class S

Made for plaster back, ends and ceiling. The architect is to arrange the ventilation. Vent screens not included unless quoted; they are not shown in the details.

The size of the opening, taken from the finished plaster line, is 8'-2" wide, 3'-0" deep, and 6'-2" high.

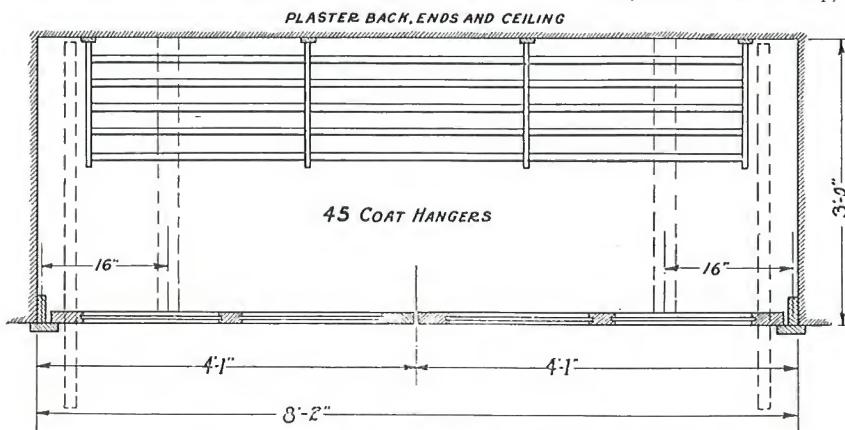
The wardrobe consists of one unit.

It would be out of place for a teacher to march down and open this wardrobe, for any little boy or girl can do it.

The hinges are very strong, and the size is shown on

page 8. They have double pivoted arms and work easily and silently, and are guaranteed to swing a 300-pound door, while a door 4'-0" x 8'-0" weighs about 110 pounds. (The kind of wood making a difference.)

The State of Michigan requires school wardrobes to be 3'-0" deep, and that is how came a wardrobe of one unit 8'-2" wide and 3'-0" deep provided with 45 coat hangers and 10 rod brackets for hats. It is the super-wardrobe, no doors in the way and a clean sweep, no jostling of pupils.



EVANS VANISHING DOOR WARDROBE
CLASS S FLOOR HINGE B-12

WASHINGTON, INDIANA, U.S.A.
WINDSOR, ONTARIO, CANADA.

EVANS VANISHING DOOR



Evans Vanishing Door Wardrobe—Class W

Ventilated
Sanitary
Convenient

*Made for plaster backs and ends.
Doors vanish within the compartment.*

Noiseless
Easy Movement
Doors Never Stick

WARDROBES CLASS W are made to set between walls and provided with a top. For sizes and details see opposite page. The plastered wall forms the back and ends. It has no division, but where so required paneled ends are provided.

Hinges Used

The doors are hung on hinges Class X, which is a jamb hinge, and secured at the top against the jamb and the $3\frac{1}{4}$ " fillet above the door. The bottom hinge is provided with an angle brace which can be turned to fasten to the floor or to the jamb. These hinges set the door from a minimum of $3\frac{1}{4}$ " above the floor up to any height. The wardrobes are arranged to set the doors 4" above the floor.

Ventilation

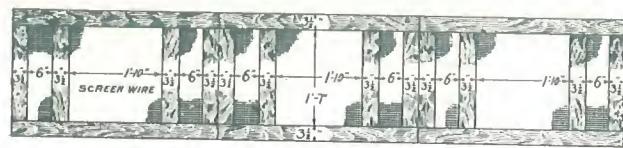
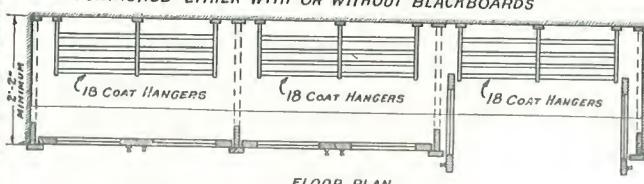
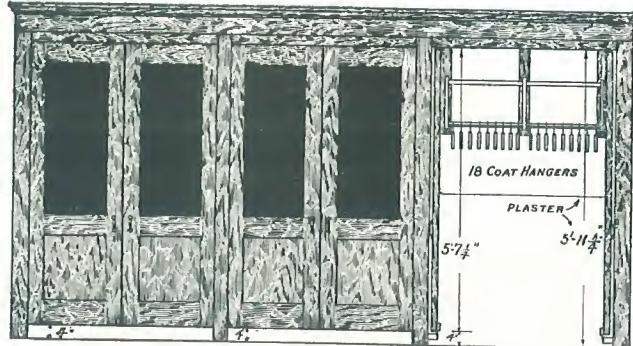
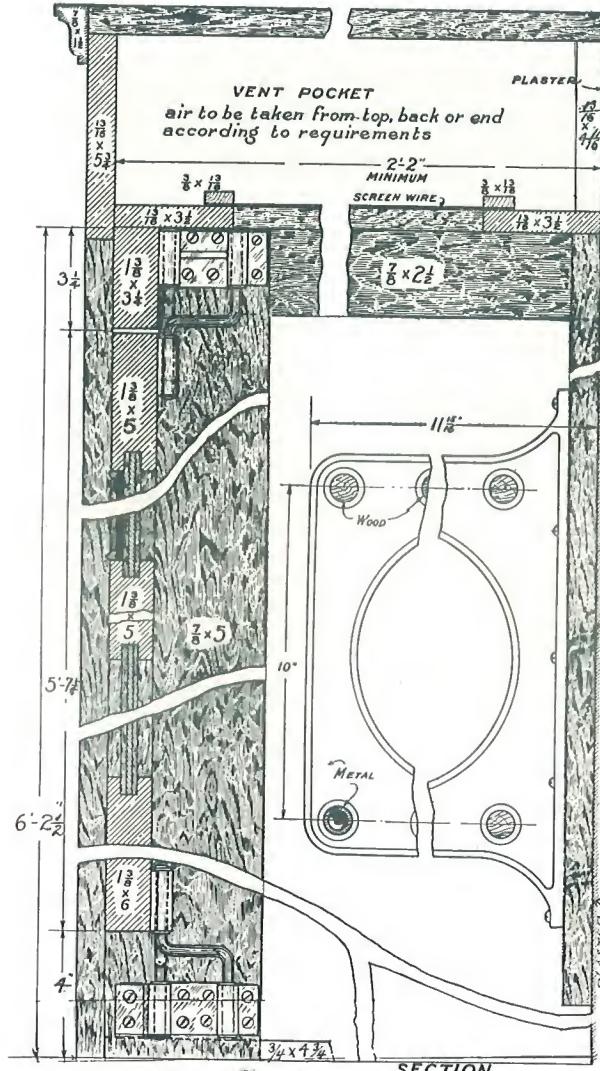
The vent can be taken from any point in the ward-

robe. We recommend that it be taken through the vent screens at the top, but when otherwise specified we will supply panels instead of vent screens at the same price, but the screen for the new vent opening would be provided by others.

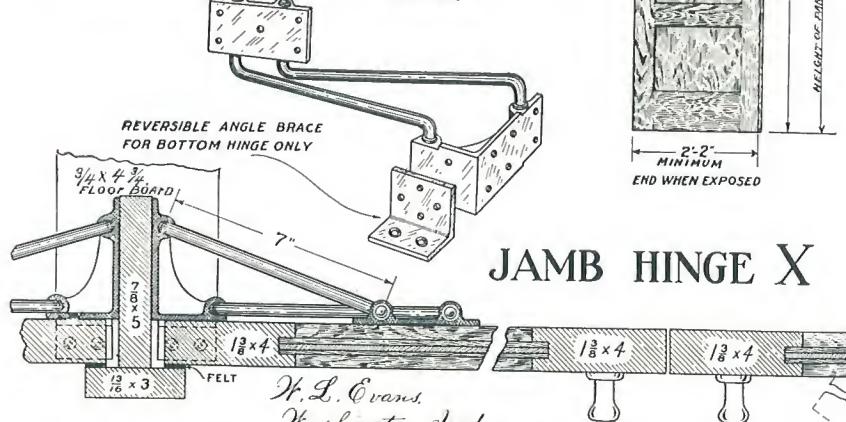
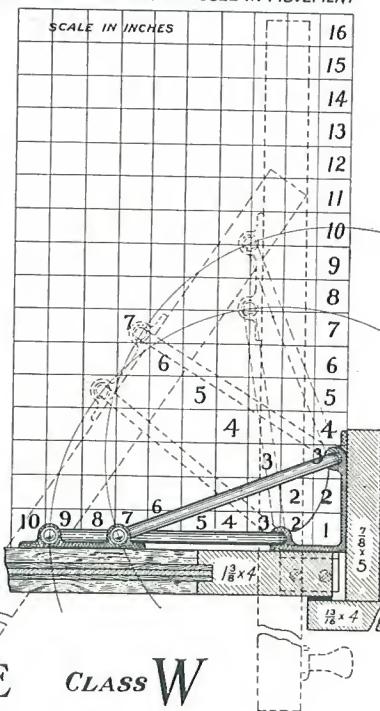
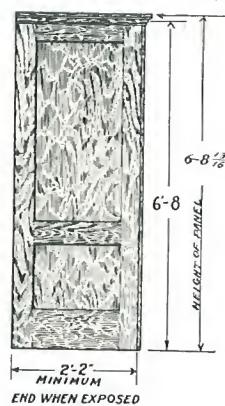
Installation

Refer to the details on the opposite page, and assemble the wardrobes out on the floor where the workmen can get all around them, omitting the doors, fillet and shelves. After the wardrobes are in place secure the doors temporarily, one at a time, and install the hinges as shown by layout in the details, page 7. After they are working smoothly, fit the fillet in place and screw the upper hinges to it. Then secure the racks.

EVANS VANISHING DOOR



FLOOR PLAN - SHOWING PROGRESSIVE MOVEMENT OF HINGE WITH 7 INCH ARMS AND AMOUNT OF SPACE USED IN MOVEMENT



EVANS VANISHING DOOR WARDROBE CLASS W

WASHINGTON, INDIANA, U.S.A.
WINDSOR, ONTARIO, CANADA.

EVANS VANISHING DOOR



Evans Vanishing Door Wardrobe—Class X

Ventilated
Sanitary
Convenient

*Made for plaster backs, ends and ceiling.
Doors do not block the aisles.*

Doors Move Easily
and Silently
They Cannot Stick

WARDROBES CLASS X are made to set flush in a plastered recess. For sizes and construction see details on opposite page. They are made with rod shelves and without divisions. They are equipped with Class X hinges, the same as described for Class W.

Wall Recess

The size of the finished plastered recess should be exactly 6'-3½" high, 2'-2" deep, and in even 4'-0" units with nothing added, or a total length of 12'-0" for three 4'-0" units.

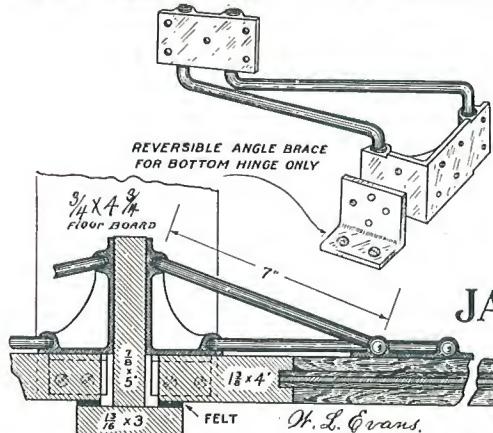
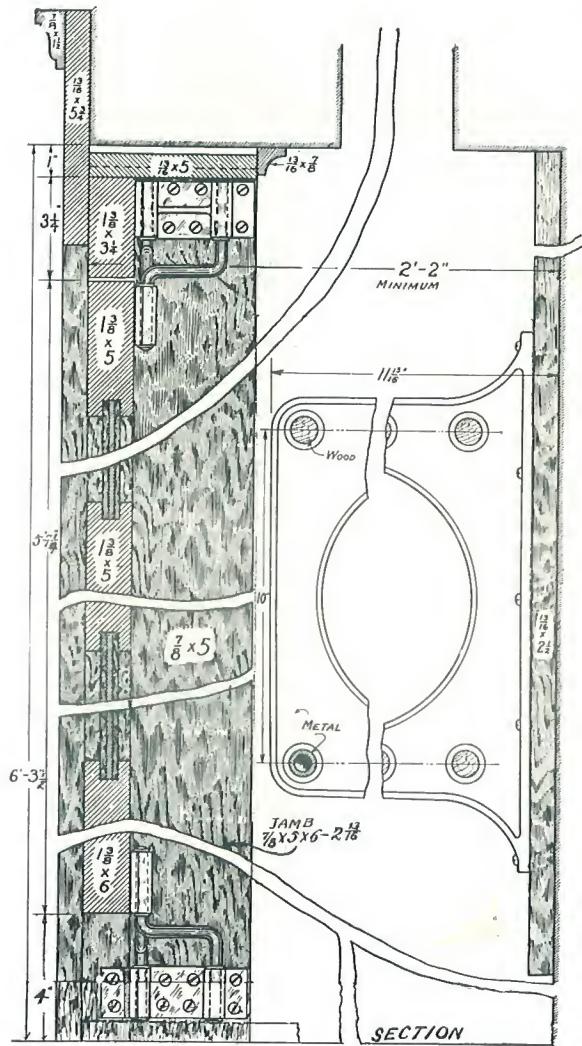
Installation

For installation refer to the text under cut of Wardrobe Class W and details page 7.

Book Case and Teacher's Closet

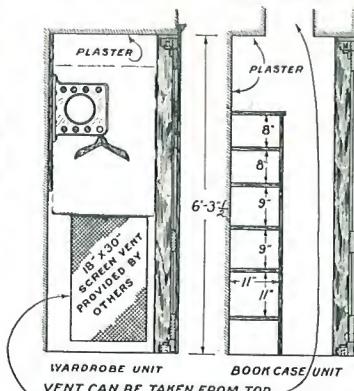
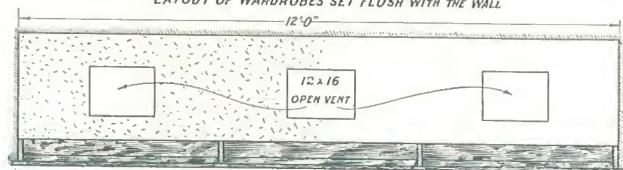
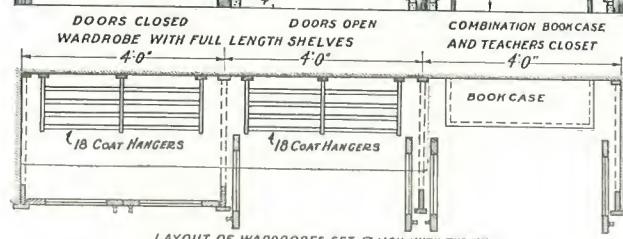
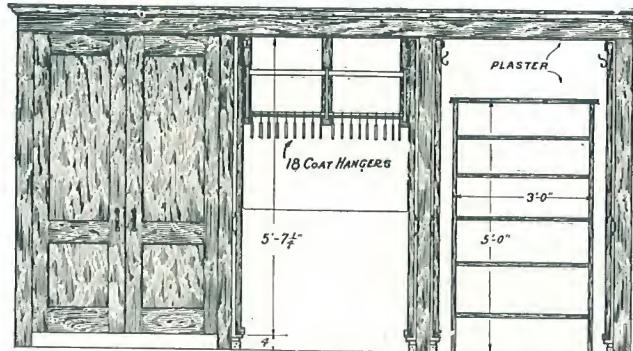
The cut and details show such a combination which gives plenty of room and convenience. Five shelves for books, a wide shelf above, an open space below for shoes, and a hook on each door and a hook at either end of the book case. This arrangement is the same price as that arranged for pupils. When so specified, it will be provided for any of the other classes.

EVANS VANISHING DOOR



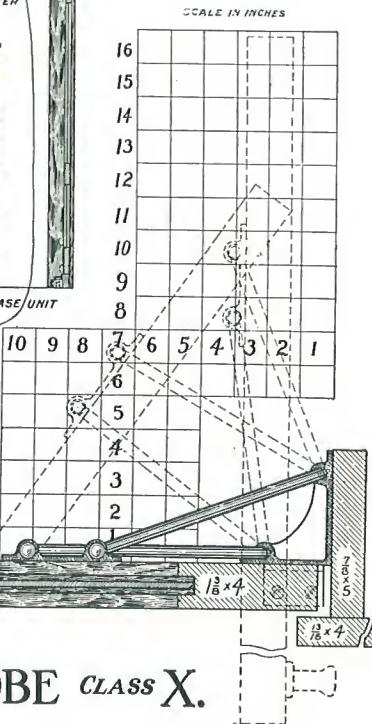
H. L. Evans,
Washington Ind.

EVANS VANISHING DOOR WARDROBE CLASS X.



FLOOR PLAN - SHOWING PROGRESSIVE
MOVEMENT OF HINGE WITH 7 INCH
ARMS AND AMOUNT OF SPACE
USED IN MOVEMENT

JAMB HINGE X



**WASHINGTON, INDIANA, U.S.A.
WINDSOR, ONTARIO, CANADA.**

EVANS VANISHING DOOR



Evans Vanishing Door Cabinet—Class V

For display and storage of garments. See details on opposite page. The doors are hung on double pivoted arms. No tracks, guides nor rollers; no noise. A touch moves the door.

The hinges are especially strong and machined to the closet limits of .005", assuring a smooth-working hinge.

Hinges B-10 are used on each single door from 2'-6" up to 3'-0" in width, and are guaranteed to handle a 200-pound load.

Hinges B-12 are used on each single door from 3'-0" up to 4'-0" and are guaranteed to handle a door weighing 300 pounds. The fact is they have successfully handled a 500-pound load and are of the same strength as our garage door hinges shown on page 8.

The special cabinets for clothing stores are not carried in stock, but are made specially to order and

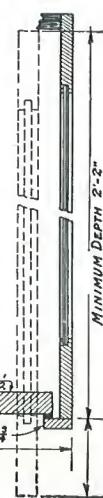
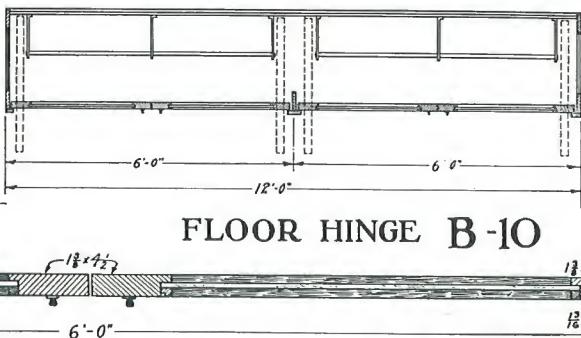
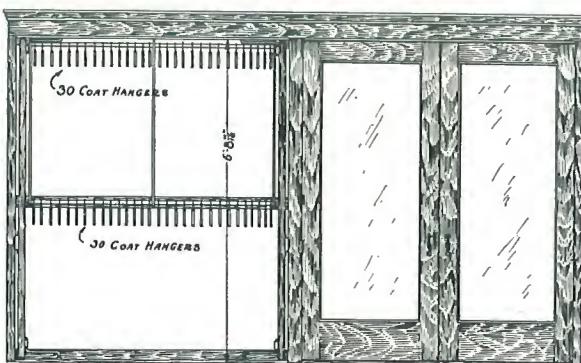
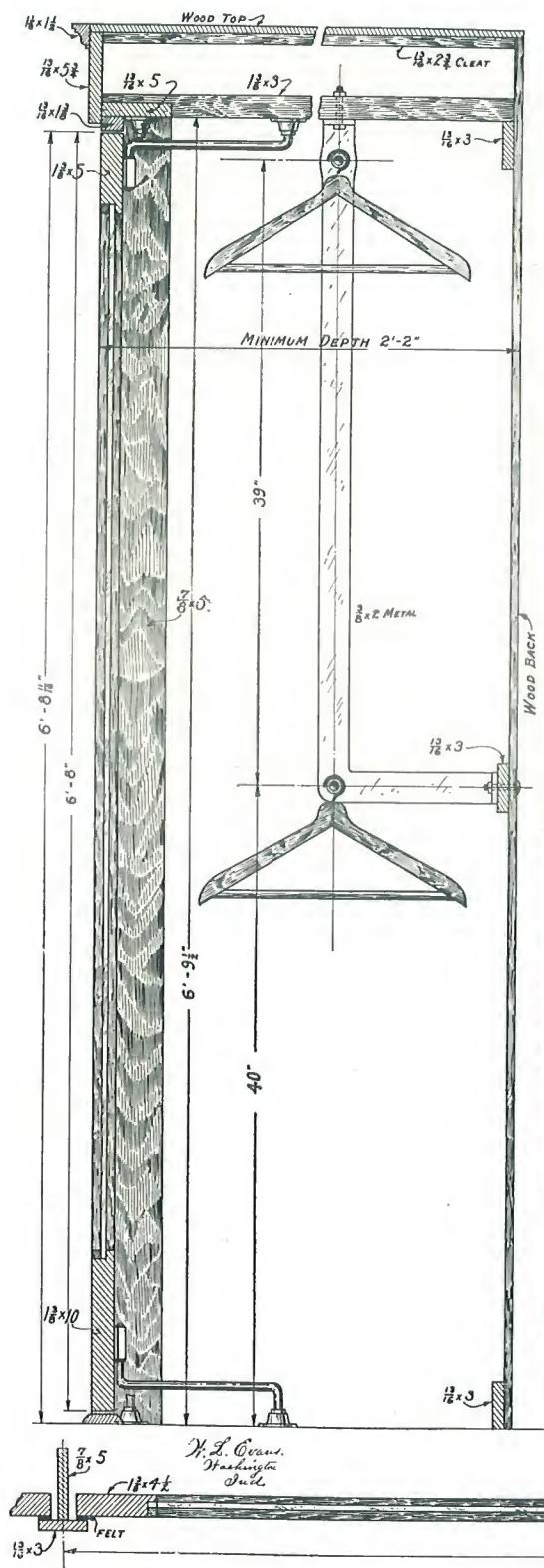
can be made any length, height or depth, with paneled ends, plate glass doors, wood top, and either paneled back or ceiling back, all in the knockdown, ready to assemble, in the white without filling or staining.

Whereas the cut shows the cabinet set on the floor, yet they can be furnished with a base pedestal, or this base can be furnished by the owner. It is ordinarily made of 2" x 4" pieces covered with flooring, with a base, nosing and quarter round.

If desired, we will furnish the hinges, metal supports and hangers separately.

If for some reason it is essential to have the cases built locally, we will then be pleased to quote on the metal supports, hinges and hangers separately. However, we do high-grade work and we believe it will be to our customers' advantage to buy the work complete in the white, ready to assemble. We get pleasing results and save our customers money.

EVANS VANISHING DOOR



EVANS VANISHING DOOR CABINET CLASS V

WASHINGTON, INDIANA, U.S.A.
WINDSOR, ONTARIO, CANADA.

EVANS VANISHING DOOR

THE HOLLOW TOP PERMITS POSITIVE VENTILATION, YET RETARDS VIBRATION.

DOOR FELT

1 $\frac{3}{8}$ " THE AIR SPACES BREAK THE SOUND WAVES

SOUND PROOFED. VENTILATED, SANITARY.

EVANS VANISHING DOOR TELEPHONE BOOTH.
PATENTED HOLLOW WALLS. CLASS - K. PATENTED DOORS DO NOT CROWD.

WORKMANSHIP,
MECHANISM,
MATERIAL AND
DURABILITY
GUARANTEED.

ASK FOR CATALOG
EVANS VANISHING
DOOR PRODUCTS.

DOORS SWING OUTWARD AND INWARD AT THE SAME TIME.

W. L. EVANS,
WASHINGTON, INDIANA.

FELT

DOORS SWING OUTWARD AND INWARD AT THE SAME TIME.

FELT

DOORS HAVE DOUBLE GLASS. DOORS 6'-4" HIGH.

THRESHOLD.

2' 8" 2' 8" 3' 2"

SHELF.

EVANS VANISHING DOOR



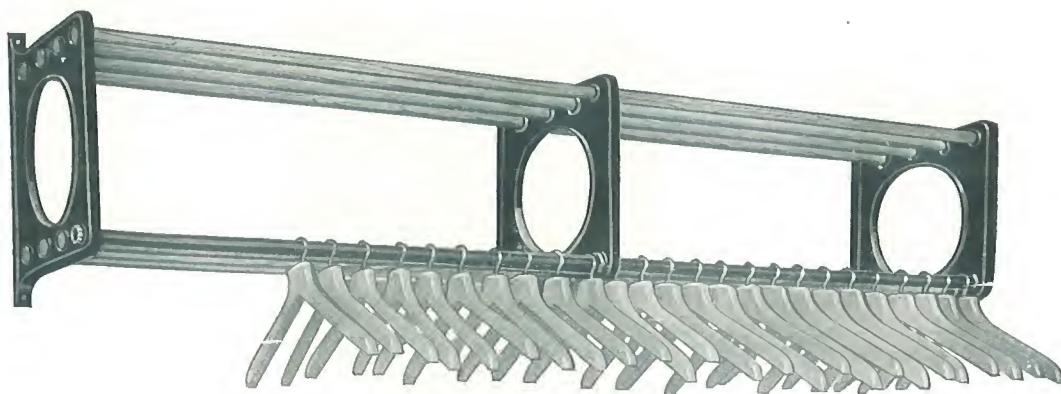
The Hollow Sanitary Door and Panel Work EVANS PROCESS

Patented United States and Canada

The "EVANS PROCESS" Hollow Sanitary Door stands in a class all its own. It consists of a series of ribs and air spaces, on either side of which is laminated cross bands and veneers. The air spaces give lightness and sound-proof qualities to the door, making the doors and panels most desirable for use in Telephone Booths or anywhere that sound-proof qualities are required or where the best is wanted. The cores, being separated by air spaces, may shrink or swell without affecting the length or breadth of the door. Special equipment and a knowledge of the art are necessary in the production of this door.

The Telephone Booths on the opposite page are made the above Hollow Construction. It is impossible to hear conversation from one booth to another, for the sound must pass through three air spaces. The hollow top conceals the wiring, and, in ventilating, the air passes into the hollow space between the ribs near the bottom (as shown by the illustration), then up to near the glass line where it enters the booth, then into the air spaces in the top, then to the rear and is discharged. Closing the door turns on the light, which starts the ventilation. Smoke all you will; the next fellow using the booth won't smell it.

EVANS VANISHING DOOR



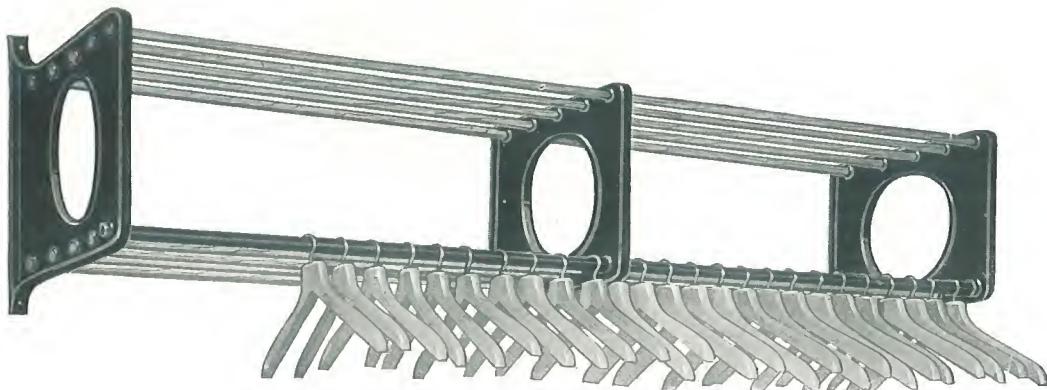
Racks No. 8

For Evans Vanishing Door Wardrobes

Each unit has three brackets, except Class S, which has four brackets. The racks are provided with eight rods, the hanging rod being of enameled steel.

There is provided one hanger for each 2" of length. The hangers are 15" for the grades and 17" for the high schools. In ordering wardrobes give the size hanger desired, otherwise 17" will be sent.

The above is used in our wardrobes that are 2'-2" in depth and can also be used in the wardrobes shown in Catalogs H and I, but in order to get these racks in any of the older Class Letters it must be so stipulated in the order and not after the work is made.



Racks No. 10

For Evans Vanishing Door Wardrobes

This rack is used in our wardrobes that are over 2'-2" deep. Rack No. 10 has ten rods, the hanging rod being made of enameled steel.

One hanger is provided for each 2" of length, either 15" or 17" as may be specified. If the size is not specified, then 17" will be sent.

In use the pupil removes the rack from the hanger and properly drapes the garment thereon. The

hanger is then placed in position on the hanging rod.

In removing the garment it is simply stripped off and the hanger remains in position and is never flung to the floor. It is much quicker to remove a garment from a hanger than from a hook, for each garment is in plain view and not covered by another. What children are taught in school generally influences their home life.

EVANS VANISHING DOOR

Evans Vanishing Door Equipment

is in use in or near the towns here listed. However, it is only a partial list, for it is in use in over 5,000 schools.

The number at the right hand shows the number of schools. For instance, Grand Rapids is listed as Grand Rapids 36, showing that there are 36 schools so equipped in Grand Rapids and vicinity.

It has not been practical to show pictures of these schools or list the names of the architects and contractors, for should we do this we would not be just unless we named all of them, which would take a book in itself. However, on request, we can name the architect. These school jobs cover a field from the largest to the smallest.

INSTALLATIONS

ALABAMA	CONNECTICUT—Cont'd	ILLINOIS—Continued	INDIANA—Continued	IOWA—Continued
Birmingham, 12	Putnam	Lockport	Harris Station	Aurelia
ARIZONA	Tariffville	Manhattan	Harrison Township,	Barnum
Tucson, 2	Torrington	Mattoon, 3	Vigo County	Belle Plains
ARKANSAS	Waterbury	Morris	Helmsburg	Bode
El Dorado, 2	West Haven	Mount Auburn	Hobart	Bondourant
Newport	Westport	North Chicago	Honeytown	Braddyville
Fort Smith	Wethersfield	Pana	Huntington	Burlington
CALIFORNIA	DELAWARE	Peoria	Indianapolis	Calumet
Adelanta	Claymont	Riverside	Jimtown	Cedar Rapids, 2
Bell, 2	Dover	Rock Falls	Lagrange	Central City
Bellflower, 3	Lewis	Rock Ford	Liberty	Clear Lake
Belle Vernon	Wilmington	Rosamond	Logansport, 5	Collins
Clearwater	FLORIDA	Sheffield	Marion	Council Bluffs, 2
Compton, 2	Clearwater	Shelbyville	Martinsburg	Courtland Beach
Cudahy	Gulfport	Springfield	Mishawaka	Crawfordsville
Fresno	Mount Dora	Sterling	Montgomery	Creston
Hawthorne	Pass-A-Grille	Strassburg	Morgantown	Crocker
Huntington Park, 11	St. Petersburg	Sullivan	Morristown	Crystal Lake
Los Angeles, 6	GEORGIA	Tilton	Mount Erie	Danville
Maywood	Augusta	Tovey	Mount Vernon	Des Moines, 7
Monterey	Hephzibah	Villa Park, 3	Needham	Dysart
Newhall		Waterman	New Carlisle	Elkhart
Ontario	IDaho	Waukegan, 6	North Salem	Estherville
Pasadena	American Falls	Westmore, 2	Osceola	Garwin
Placentia, 4	Avery	INDIANA	Plainville	Glidden
San Gabriel, 4	Boise	Alfordsville	Plymouth	Graettinger
Santa Paula	Burley	Atlanta	Portage Township,	Hinton
South Gate, 4	Kuna	Bass Lake	St. Joseph County	Huxley
Willowbrook, 3	Moscow	Batesville	Rankin	Lake City
COLORADO	Payette	Bentonville	Richland Township,	Larrabee
Herford	Twin Falls	Bloomfield	Rush County	Lemars
CONNECTICUT	ILLINOIS	Butlerville	St. Joe	Luton
Ansonia	Aurora	Center Township,	St. Paul	Luxemburg
Beacon Falls	Benton	Delaware County	Scotland	Mason City, 4
Bridgeport, 2	Boomington	Cicero	Seymour, 5	Maurice
Danbury	Carrollton	Clarksville, 2	Shelbyville	Merrill
Fairfield	Chicago, 2	Clay City	Shepardsville	Moorland, 2
Greenwich, 2	Cicero	Clay Township,	South Bend, 11	Moville
Hartford	Crete	St. Joseph County	Terre Haute, 4	Newburg
Litchfield	De Pue	Clinton	Vermillion County,	New Hampton
Middlefield	Downers Grove	Clinton Township,	Honey Creek Twp.	Orient
Middletown	East St. Louis	Cass County	Vernon	Oskaloosa
New Cannon	Elmhurst	Columbus	Walcottville	Patterson
New Haven, 3	Evanston	Cortland	Warren Township,	Paulina
Newington	Georgetown, 2	East Mishawaka	Marion County	Perry
New London	Girard	Elkhart Township,	Washington, 2	Pleasantville
Newtown	Hinsdale	Elkhart County	West Terre Haute	Quimby
Norwalk	Joliet, 4	Epson	Wheatland	Randall
Norwich	Lawrenceville	Evansville, 3	Whiting	Redfield
Orange	Libertyville	Florida Township,	Williamsport	Richland
	Lisle	Parke County	IOWA	Ripley
		Glendale	Akron	Sioux City, 4
		Glenwood	Ames	Spencer, 2
				Viola

EVANS VANISHING DOOR

IOWA—Continued	MICHIGAN—Continued	MINNESOTA—Continued	NEBRASKA—Continued	NEW YORK—Continued
Wallingford	East Lansing, 2	Columbia Heights	Omaha	Bayside
Waterloo	Ecorse, 2	Dilworth	Phillips	Bellevue
Webster City	Edmore	Duluth	Potter, 2	Binghamton, 2
Whiting	Erin Township,	Hopkins, 2	Rising City	Brooklyn, 2
Whitmore	Macomb County	Lake City	Schuylerville	Buffalo, 2
Wiota	Escanaba	Manganese	Scottsbluff	Canton
KANSAS	Fenton	Minneapolis, 10	Scribner, 3	Cattaraugus
Independence	Flat Rock	Osseo	Snyder	Cedarhurst
Lawrence	Frankenmuth	Robbinsdale	South Sioux City	Celeron
Peabody	Fremont	Rochester	Spalding	Copague
KENTUCKY	Gaines	St. James	Thayer	Endicott
Bellefonte	Grand Junction	St. Paul, 4	West Point	Fillmore
Covington, 2	Grand Rapids, 40	St. Peter	NEVADA	Flatbush
Dayton	Greenfield Township,	Taylor Falls	Carlin	Fort Johnson
Fort Thomas, 2	Wayne County	Waseca, 2	NEW HAMPSHIRE	Franklinville
Frankfort	Halfway, 2	Winsted	Laconia, 3	Frewsburg, 2
Madisonville	Harbor Beach	MISSISSIPPI	Manchester	Gouverneur
Olive Hill	Hastings	Biloxi	Nashua	Herkimer
Russell, 2	Hermanville	Cleveland	Salmon Falls	Holbrook
MAINE	Hickory Grove	Drew	Somersworth	Hilon
East Millinocket	Holland, 2	Flora	NEW JERSEY	Inwood, 2
Livermore Falls	Holt, 2	Hattiesburg	Bayonne, 2	Jamaica
Portland, 2	Houghton	Jackson	Bloomfield, 5	Kerhonkson
Rangeley	Ionia, 2	Linn	Bogota, 3	Kingston
MARYLAND	Iron Mountain, 6	Meridian	Bordentown	Lakewood
Clarksville	Jackson, 2	Monticello	Bound Brook	Lynbrook
Taneytown	Kalamazoo, 4	Shaw	Butler	New York City, 4
MASSACHUSETTS	Kingsford, 3	Summer	Clarksboro	Niagara Falls
Attleboro	Lansing, 2	MISSOURI	Clifton	Northport
Boston	Lincoln Park	Hannibal	Delaware Park	North Salem
Chicopee, 2	Ludlow	Maplewood	Egg Harbor	Nunda
Erving	Manistique	Milan	Elizabeth	Ogdensburg
Gloucester	Michiganamme	Normandy	Englewood	Oneonta
Hampton	Midland, 2	Monroe	Rockport	Penn Yan, 2
Lexington	Millburg	Morley	St. Louis, 9	Rensselaer
Norwood	Monroe	Muskegon, 5	South St. Joseph	Rochester, 3
Revere	Muskegon Heights	National Mine	Steelville	Rome, 2
Roxbury	Newaygo	Paynesville	Webster	Saranac Lake
Taunton, 2	North Park	Pontiac	MISSONTA	Sayville
Ware	Onstead	River Rouge	Alberton	Seneca Falls
Westford	Owosso, 2	Roseville	Browning	Snyder
MICHIGAN	Palmer	Royal Oak, 13	Butte	Southampton
Addison	Paynesville	Saginaw, 4	Darby	Southold
Albion	Pontiac	Saint Johns	Dixon	Southport
Algona	River Rouge	Saint Louis	Frenchtown	Stevensville
Alma	Roseville	Sidnaw	Glendale, 2	Syracuse, 5
Alpha	Royal Oak, 13	South Rockwood	Missoula, 9	Utica
Alta	Saginaw, 4	Springfield Place	St. Ignatius	Wellsville
Amasa	Saint Johns	Springwells, 2	Willow Springs	Westfield
Ann Arbor	Saint Louis	Strathmoor	NEBRASKA	Westmoreland
Battle Creek	Sidnaw	Turin	Albion	West Sayville
Bay City, 3	South Rockwood	Vulcan	Allen	Whitehall, 2
Beaverdam	Springfield Place	Wacoosta	Alliance	Williamsville
Berkley Village, 2	Springwells, 2	Warren, 3	Barneston	Yonkers
Carrollton	Strathmoor	Watervliet	Brady	NORTH CAROLINA
Channing	Turin	Whittaker, 2	Columbus	Charlotte
Clawson, 3	Vulcan	Woodland	Creighton	Rocky Mount
Clinton	Wacoosta	Wyandotte	Dodge County	NORTH DAKOTA
Comstock	Warren, 3	Wyoming Park, 2	Fremont	Braddock
Comstock Park	Watervliet	MINNESOTA	Gehring	Cooperstown
Constantine	Whittaker, 2	Bird Island	Holmesville	Dazey
Covert	Woodland	Breckinridge	Humphrey	Eckelson
Dearborn, 4	Wyandotte	Castle Rock	Kearney	Epping
Deerton	Wyoming Park, 2	Cold Springs	Leigh	Hanks
Detroit, 12	MINNESOTA	Lincoln, 4	Lincoln	Hannaford
Dickinson County,	Bird Island	Loma	Loma	Hazelton
Breitung Township	Breckinridge	Marquette	Marquette	Johnstown
Dowagiac	Castle Rock	North Loup	North Loup	Kulm
	Cold Springs	Northport	Northport	Lankin
				Lehr
				Marion

W. L. EVANS

EVANS VANISHING DOOR

NORTH DAKOTA—Cont'd	OHIO—Continued	OHIO—Continued	OKLAHOMA—Continued	PENNSYLVANIA—Cont'd
Oriska	Independence Village	Port Washington	Poteau	Forty Fort
Thompson	Ironton	Puritas Springs	Quapa	Franklin, 2
OHIO	Kansas	Randolph	Quinton	Franklin Township, Washington Co., 2
Akron, 5	Kent	Ravenna, 2	Sand Springs	Gallitzen
Alger	Kenton	Rock Creek	Sapulpa	Gettysburg
Alliance	Killbuck Village	Rocky River	Shawnee	Glenburn
Allikanna	La Grange	Royalton	Stillwater	Greensburg, 3
Arcanum	Lake County,	Russell	Wapenucka	Grindstone
Applecreek	Brookfield Twp.	Russia	Wetumka	Harrisburg, 2
Ashtabula, 3	Lakewood	Sandusky	Wister	Hatfield
Ashville	Leetonia	Sandyville	PENNSYLVANIA	Hecla
Athens	Leroy	Savannah	Allegheny County, Bethel Township	Heilwood
Andover	Levitsburg	Sharon	Allentown, 2	Highspire, 2
Avon Lake, 2	Liberty Township,	Sharonville	Aliquippa, 2	Holmes
Avon Village	Trumbull County	Shawnee Township,	Alverton	Houston
Batesville	Lima	Allen County	Ardmore	Houtzdale
Beaver	Lodi	Sheffield Lake	Armagh, 2	Hummelstown
Belden	Logan	Village, 2	Beaver Falls, 7	Huron
Bellbrook	Lorain	Shilo	Berwick	Indiana
Bolindale	Lorain County,	Shreve	Bessemer	Indianola
Brady Lake	Sheffield Twp., 3	Smithville	Bethlehem, 2	Jeanette
Bridgeport	Louisville	South Amherst	Belle Vernon	Jerome
Brier Hill	Lowellsburg	South Charleston	Blakely	Johnstown, 8
Brighton	Luckey	Spencer	Blooming Glen	Lakemont
Brimfield	Lynhurst Village	Springfield, 11	Bloomsburg	Lancaster
Brookfield Township,	Lyra	Sterling	Branchdale	Latrobe
Trumbull County	McComb	Steubenville, 5	Brentwood	Leiperville
Brooklyn Heights	McDonald	Stockdale	Brockport	Lemoyne
Brooklyn Station	Macksburg	Stockport	Brookhaven	Library
Caldwell	Mansfield, 2	Summerfield	Broomall	Lime Ridge
Campbellstown	Marion	Toledo, 2	Brownsville	Lyndora
Canton, 17	Marion Township,	Toronto	Butler	McCullough
Carbondale	Franklin County, 2	Trotwood	Cairnbrook	Madera
Champion Township,	Martins Ferry, 2	Urbana	Cambridge County	Mahanoy City
Trumbull County	Massillon	Uniontown	Cambridge Springs	Marcus Hook
Chauncey	Masury	Valley City	Canonsburg, 2	Merion
Chesterhill	Mayfield, 2	Van Wert	Cassandra	Midland
Chesterland	Mayfield Center, 2	Venice	Castle Shannon	Mifflinburg
Cincinnati	Mesopotamia	Waco	Central City	Millroy
Cleveland, 12	Middlebranch	Wadsworth, 2	Chaddsford	Mineral Point
Coitsville	Middletown, 2	Wapakoneta	Chambersburg	Monassen, 2
Coitesville Township,	Milan	Warrensville	Cheltenham	Monongahela
Mahoning County	Millersburg	Waverly	Cherry Tree	Morrisville, 2
Columbia	Mineral Ridge, 2	West Carrollton	Chester, 3	Mountaintdale
Columbus, 6	Mingo Junction	West Farmington	Clairton	Mount Carmel
Concord	Mogadore	Woodville	Clearfield County	Mount Laffe
Coolville	Montgomery County,	Worthington, 2	Clymer	Mount Union
Coshocton	Van Buren Twp.	Xenia	Coatesville, 3	Nanty Glo
Courtland	Napoleon	Youngstown, 12	Colver	Natrona
Dalton	Nelsonville	OKLAHOMA	Connellsburg, 2	Nemacolin
Darke County,	New Albany	Ada	Corry, 2	Neumidia
Butler Township	Newcomerstown	Allen	Crucible, 2	New Castle, 4
Dayton, 7	New Philadelphia	Bristow, 3	Dale Borough	New Florence
Defiance	Newport	Burbank	Denbo	New Holland
Dillonvale	Newtown	Claremore	Donora, 2	New St. Clair
Doylestown	Niles	Ferry	Duncannon	North Belle Vernon
Eaton Township,	Nimishillen Twp.,	Francis, 2	Duquesne, 2	North Braddock
Lorain County	Stark County	Graunton	Eastbrook	North Strabane Twp., Washington County
Edwards Station	North Industry	Healdton, 2	East Pittsburgh	Oakland
Elyria, 2	North Ridgeville	Heavener, 2	Ebensburg	Oakmont
Euclid Village, 4	Olmsted Falls	Haskell	Eddystone, 2	Oxford
Fairport Harbor	Osborne	Hitchcock, 2	Ellwood City	Paxtang
Fairview Village	Painesville	Holdenville, 2	Emporium	Pennsburg
Fowler	Parma	Kiefer	Erie	Perryopolis
Galion	Pennfield Township,	Lawton	Fairhope	Philadelphia
Garfield Heights, 2	Lorain County	Lindsay	Farrell	Pittsburgh, 4
Glendale	Pennsville	Miami	Fayette City, 2	Pittston
Gloster	Piqua, 5	Muskegon, 4	Fayetteville	Port Allegany
Green Camp	Plain Township,	Oilton, 2	Forest Hill	Pottstown, 2
Harrisburg	Stark County	Panama	Forestville	Pottsville, 5
Hartford	Port Clinton	Pitcher, 3		
	Portsmouth			

EVANS VANISHING DOOR

PENNSYLVANIA—Cont'd	PENNSYLVANIA—Cont'd	SOUTH DAKOTA—Cont'd	UTAH	WEST VIRGINIA—Cont'd
Pricedale	Washington, 2	Cresbard	Logan	Parkersburg, 3
Primrose	Waynesboro	Delmont	Ogden, 2	Thacker
Redley Township, Delaware County	Webster	Egan	Richmond	War
Ridgway	West Bethlehem	Gettysburg	Salt Lake City	Weirton
Ridley Park	West Leisenring	Harrold		Westmoreland
River Valley	West Manchester Township	Hecla		Williamson
Rochester, 2	Westmont	Huron, 3	VIRGINIA	Willsburg
Rosedale	Westmoreland County, Penn Township	Java	Abingdon	Yukon
Rothsville	West Telford	Lake City	Appalachia, 2	
Saint Clair	West View	Lake Norder	Big Stone Gap, 2	
Saint Marys	Whitaker	Lake Worden	Bristol, 2	WISCONSIN
Scalp Level	White Township,	McLaughlin	Capeville	Antigo, 3
Scottdale, 2	Beaver County	Onida	Chariton	Beaver Dam
Seltzer	Wilkinsburg	Ordway	Clintwood	Cashton
Shenango Township, Lawrence County	Wilbur	Pierpont, 2	East Stone Gap	Cross Plains
Shoentown	Williamstown	Ree Heights	Ettricks	DePere
Sides	Willistown	Roslyn	Glenwood	Doyleston
Somerset	Wilson, 2	Rutland	Greendale	Evansville
Somerset County	Wolftown	Vermilion	Henrico County, 6	Goodman
Souderton, 2	Woodlawn, 3	Westport	Leesburg	Horicon
South Union Twp., Fayette County	Wood Lyn	Winner	Marchipongo	Hudson, 2
Smyser	Wood Lyne	TENNESSEE	Mount Jackson	Hurley, 2
Star Junction, 2	Zelienople, 2	Chattanooga	Newport News	Juda
Steelton	Pawtucket	Erwin	Petersburg	Kimberly
Steffin Hill	Providence	Knoxville, 2	Saltville	La Crosse, 2
Stony-Creek Twp., Cambria County	SOUTH CAROLINA	TEXAS	Temperanceville	Madison, 4
Stratford	Bennettsville	Brownsville	Wallace, 2	Merrill
Summit Hill	Clover	Castrovile	Williamsburg	Milwaukee
Summit Park	Dillon	Dallas	Williamsport	Neenah
Susquehanna, 2	Rock Hill, 2	Eagle Lake	TENNESSEE	Nekoosa
Tamaqua, 3	Winnsboro	Edinburg	Chattanooga	Sextonville
Tarentum	SOUTH DAKOTA	Fredericksburg	Erwin	Shawano
Topton	Aberdeen, 8	Galveston, 3	Knoxville	Sheboygan, 2
Tower City	Artesian	Houston, 2	Bartley	South Range
Trainer	Barnard	Kerrville	Coalwood	Sussex
Trotter	Bonesteel	Logan	Collier	Thorpe
Troy, 2	Bonilla	Marfa	Excelsior	Tomah
Ulster	Bradley	Maxwell	Hamlin	Town of Lake
Uniontown, 3	Bristol	Mineral Wells	Huntington, 2	Waukesha, 3
Unionville, 2	Cavour	Ogden	Lenore	Wauwatosa
Upper Darby, 2	Columbia	San Antonio	Newhall	West De Pere
Upper St. Clair Twp., Allegheny County, 2		San Benito		Wisconsin Rapids, 2
		Welasco		
		Wichita Falls		
				WYOMING
				Casper, 2
				Cheyenne
				Douglas
				Green River

Summary

The above is a partial list of schools in which Evans Vanishing Door Wardrobes are installed. It is evident that this equipment must have some especial merit to have met with such favor. This wardrobe is repeatedly specified by many Architects. As an illustration, one firm of Architects in Oklahoma City, Oklahoma, have used our equipment in over 50 schools, their name given on request. It would be interesting to see photographs of the schools so equipped and to know the names of the Architects and Contractors, but it would take a book of several thousand pages to illustrate the work properly. We thank the Architects for making the Vanishing Door possible and also favorably known.

W. L. EVANS

Evans Ring Joint

PATENTED



"The Weakest Place Made the Strongest"

Trade Mark

"RING JOINT"

Reg. U.S.A. and Canada

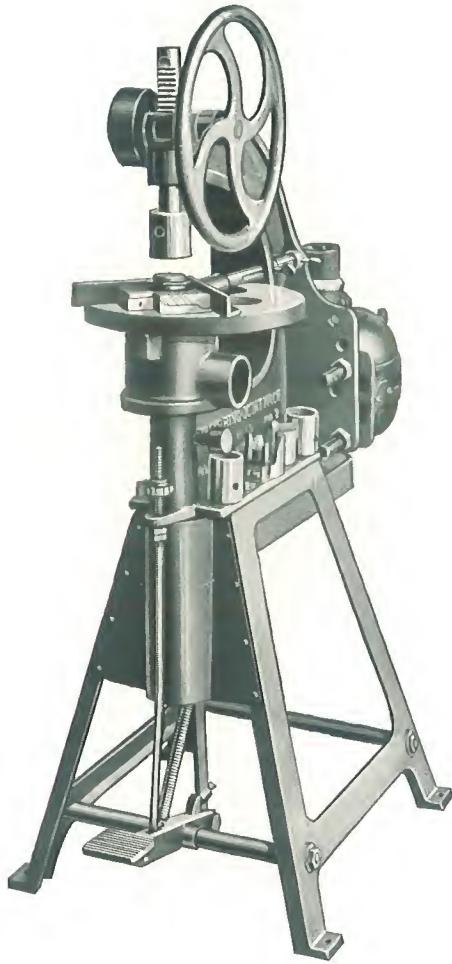
*Patented in the United States, Canada
and Foreign Countries*

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*Cable Address "EVANSHINGDOR"
Western Union Code*

W. L. EVANS
*Washington, Indiana, U.S.A.
Windsor, Ontario, Canada*

Evans Ring Joint *Patented*



Evans Ring Joint
Machine
Model "K"

A light-weight machine to be used in the factory or taken to the job. It should pay for itself in 100 hours.

The Evans Ring Joint Machine, Model K, is designed for factory use or to be taken to the job, and is supplied with a motor to meet the requirements. This machine with tools, crated and ready to ship, weighs about 250 pounds. The Three-phase Motor for same, crated, weighs 100 pounds, and the Single-phase Motor, crated, weighs 150 pounds. In ordering the machine be sure and give the current to be used; that is, the Phase, Cycle and Voltage.

It does not require an expert to operate this machine; even a boy sixteen years old can operate it as well as a man. It is as safe as a woodworking machine can be made.

The trim is grooved from the under side, a fan taking the shavings out. The stock can be grooved in pairs or singly, but preferably the latter, with mitred trim of long lengths. The groove should be made deep enough that the ring will center with the thickness of the trim.

To Ring Joint the trim when in long lengths, use two trestles of proper height to hold the outer ends of the trim. Cover the cutter by turning the rotary table until the solid part of this table is over the cutter. Put glue on the surfaces to be joined, then set the cone in place with the ring thereon, turn the hand wheel, and in two seconds you have a perfect joint that will stay perfect.

When trim is molded to a special pattern run a Babbitt-metal form to go under the trim where the pressure comes. Don't try to use a wood form, for the pressure used in expanding the ring and pushing it in place is anywhere from two to four tons.

On a big job of mitres, run a truck load of trim up to the side of the machine and groove it one piece at a time, and when it is all grooved then start putting on the rings, having an extra man putting the glue on the mitres and then washing off any glue that may squeeze out in putting on the rings. He will be more than busy keeping up with the operator. When the trim is Ring Jointed it will require another man to nail a small strip across the bottom end and set it away. He will also be busy. The capacity of the machine is limited only by the speed of the operator.

EVANS RING JOINT

Evans Ring Joint

Patented



Evans Ring Joint Machine

Model Junior "D"

PATENTED

A Bench Machine to use on the job
It should pay for itself in 100 hours

The Evans Ring Joint Machine, Model Junior D, is designed for Contractors' use, to be taken and used directly on the job, moving it from floor to floor. It weighs, crated ready to ship, 250 pounds. It is supplied with either a Three-phase Motor, weighing 100 pounds, crated; or a Single-phase Motor, weighing 150 pounds, crated. Most Contractors require a Single-phase Motor so as to attach directly to the light line. In ordering the machine be sure and give the current to be used; that is, the Phase, Cycle and Voltage.

The Model Junior D is a bench machine which costs more to build than Model K and works as perfectly and satisfactorily, other than it is operated with hand levers instead of foot levers. For the main points in the operation of the machine, see page 44. The bench should be made about 20 inches high, 20 inches wide, and 4 feet long. The machines run so smoothly that they need not be bolted down.

As a money-maker for the Contractor this machine is unequaled. As an illustration: A good carpenter will put together a set of trim with dowels, splines or halving in about one hour, and then the joints will not hold, whereas an apprentice can put together ring joints, after the mitres are cut, at the rate of one minute, joints that stay put. It is evident that when we say the machine should pay for itself with 100 hours' work, when compared to carpenter cost, the story is not half told.

The extra cost attached to having trim put together at the factory is anywhere from 70 cents to \$1.00 per set with two joints, and then, unless put together with Evans Ring Joints, they will not stay put. To this cost must be added the crating, extra freight on account of bulk, additional drayage, extra handling on the job, damage in shipment with possibly some of the joints broken apart. Most Contractors have a trim saw, and if not, the trim can be bought at the factory already mitred, and then with an Evans Ring Joint Machine it can be put together on the job at a cost so low that it is hardly to be considered when the improved quality of the work is taken into consideration. The machine should pay for itself very quickly.

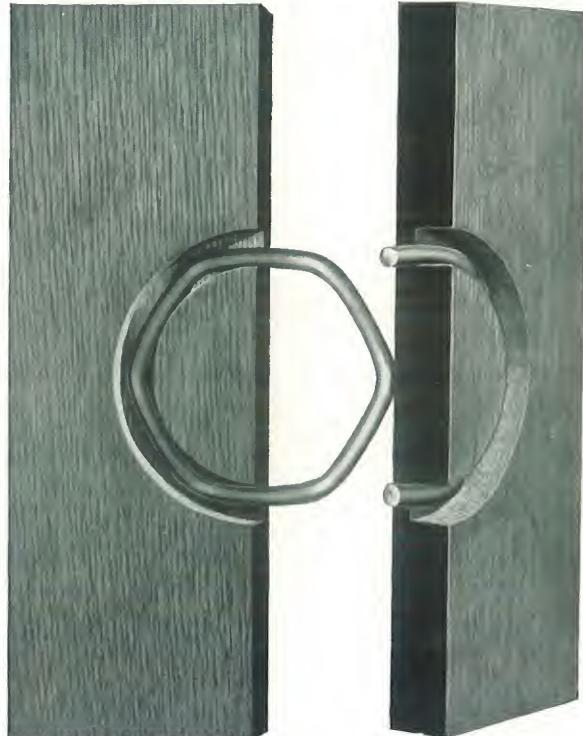
EVANS RING JOINT

Evans Ring Joint

Patented United States and Canada



*A Joint That Is Stronger Than the Wood Fiber
Reverse Side*



Showing Detail of Construction

The construction is as follows:

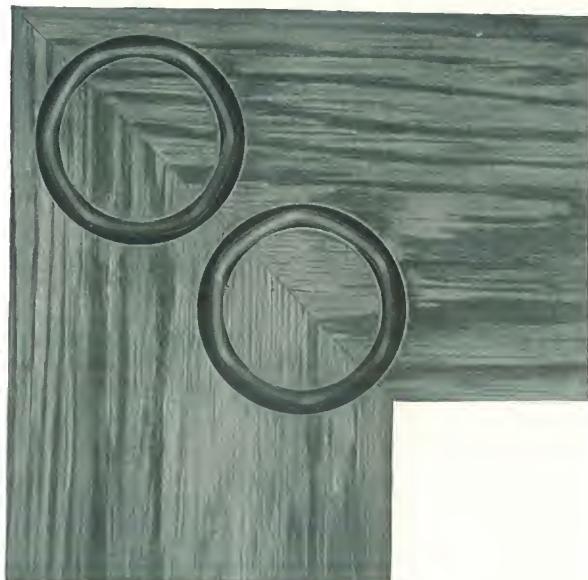
One, two or more pieces are placed in the machine and grooved; in this groove is then seated a corrugated steel ring which is originally smaller than the inner diameter of the groove. In the seating of the ring it is expanded over a Hard Steel Cone until it has been expanded to the size of the inner diameter of the groove and is pushed over the cone and discharged into the groove, being pushed down to the bottom thereof. It is evident that whatever power it took to expand the ring is then used to hold the joint together, and this pressure on a single ring can be made to exceed two tons. Nothing less than a destructive force will open the joint. The wood may shrink, but the ring takes up the slack that would come in dry stock. The wood may swell, but the ring moves with it.

Each joint requires a corrugated ring, for the ring is left on the work, exerting a constant pressure on the joint, this pressure being stronger than the wood fiber. The corrugated steel ring always exerts a tendency to take its corrugated form, thereby in case of shrinkage decreasing the diameter of the ring.

With the Evans Ring Joint the pressure is sufficient to take up any variation caused by shrinkage in kiln-dried stock, keeping the joint perfect. And the more the wood swells the tighter the joint gets. Compare this joint with any other kind and it is found to be better and many times cheaper to construct. Contractors and Owners call for this joint and Architects specify it, for it means better work at less cost.

EVANS RING JOINT

Evans Ring Joint *Patented*



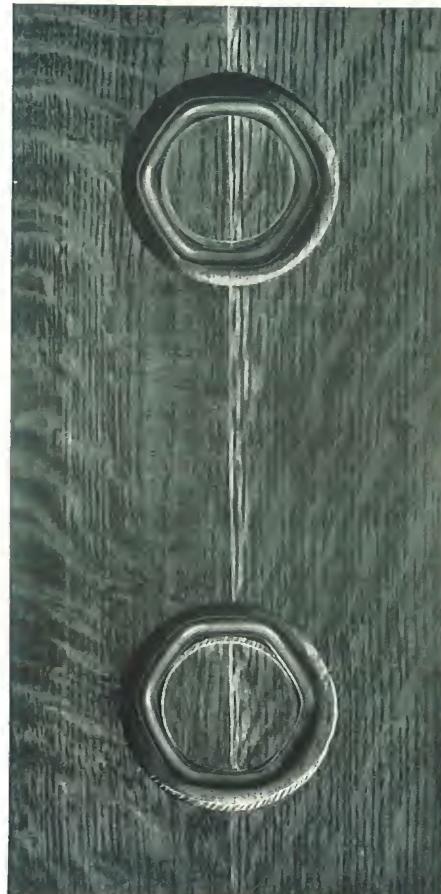
Reverse Side

We show here a mitred casing put together with two rings. This is advisable in wide casings, as you get double the joint pressure. The cost of inserting the rings is small, and very little time is lost in putting in two rings instead of one. In this example here shown the casing is a molded pattern, and while the cut does not show it, yet one of these rings is set in deeper than the other.

The Evans Ring Joint has been in use several years, and hundreds of carloads of Mitred Trim have been sent to various points in many states. It is not an experiment.

The public can now get this machine and the rings which must be used with it, as they are patented as an article of manufacture. The machine, the joint and the ring are all covered by United States, Canadian and foreign patents.

The rings are in three sizes— $1\frac{1}{2}$ -inch, $1\frac{3}{4}$ -inch, and 2-inch—packed 100 in a box. We have the machines and rings ready for prompt shipment.



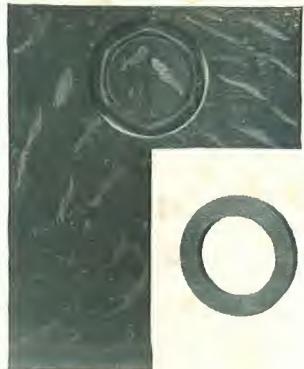
Reverse Side

SEE THIS. A joint for splicing material in width. It is made of two pieces of material secured with Evans Ring Joints. The joint is so good it can hardly be seen. This is the joint for table tops, drain boards, inside finish, outside finish, shelving, wooden boats, and a thousand and one things.

The dampness will not pull it apart and it takes care of the shrinkage. The damper it gets the tighter the joint, and it will not open from shrinkage in ordinary dry stock, for as the wood becomes smaller in size the corrugated steel ring automatically takes up the variations.

EVANS RING JOINT

Evans Ring Joint *Patented*



No. 1



No. 2



No. 3



No. 4



No. 5

ABOVE ILLUSTRATIONS SHOW THE REVERSE SIDE of various adaptations of Ring Joints. Many other uses will present themselves to the users of our equipment.

Joint No. 1 is adapted to the manufacture of furniture, screen doors, panels, jambs, etc. It shows the wooden ring that fits into the groove over the ring. The machine is provided with an adjustable cutter head that not only cuts the groove but also the ring. The wood rings are cut by making grooves in a board and ripping off to the thickness required.

No. 2 shows an angle joint such as found in angle stair panels; when made the old way it invariably

opens. It is just as easy to make with a Ring Joint as any other and stays tight.

No. 3 shows an end splice made with a butt joint rung together. It is wonderful what beautiful work can be made in this way.

No. 4 illustrates a combined butt and side joint which is used for a thousand things, and No. 5 if made the old way is one of the most difficult joints to make that is known to the art and the hardest to make hold. With the Ring Joint it is as easy to make as any other joint and it stays tight.

"This is the end of a perfect day." In submitting to your our Catalog J we consider it mutually a day well spent.



